

OFFICE COPY

Zinc Insulated
TRADE MARK

WIRE FENCES
STEEL POSTS • GATES
BARBED WIRE
WIRE NAILS
WIRE PRODUCTS



Complete Dealers Catalogue

AMERICAN STEEL & WIRE COMPANY

>SUBSIDIARY_{UNITED STATES STEEL CORPORATION}<



Guaranteed Zinc Insulated ELLWOOD FENCE

REG. IN U.S. PAT. OFF.

INSULATED AGAINST RUST

For years we have been constantly producing better fences—better steel—better weaving—better workmanship. After these years of effort we have perfected the greatest improvement ever discovered in wire fence making—ZINC INSULATING, and we now offer this SUPER-IMPROVEMENT—better protection against rust and weather.

Through a process of our own we have produced a thicker, heavier coating of zinc, which INSULATES the wire against rust. This means better fence—longer life fence. The coating is more tenacious, more flexible and IT RESISTS RUST. It protects the wire from the oxygen in the air and the storm elements. It safeguards the steel.

All Wires used in ELLWOOD FENCE receive more than DOUBLE the heat treatment in the zinc bath. The temperature of the bath, the great length of time the wire takes to pass through it, the great amount of zinc that can be applied by this process without cracking or peeling—all these are important factors. This is the PROPER and ONLY WAY to give a HEAVIER coating with LASTING QUALITY.

Every roll of genuine ELLWOOD FENCE carries our placard—Look for it. It is placed there for your protection.

Superior Galvanizing

ELLWOOD FENCE

Longer Service

Quality Features of a Woven Wire Fence

Quality of Wire

The average fence user can easily become confused by the claims of some manufacturers regarding the advantage of Open Hearth Steel over Bessemer Steel, or Bessemer over Open Hearth; also the merit of high carbon steels as compared with low carbon steels, etc. We make large quantities of both Open Hearth and Bessemer Steel, using both kinds extensively in the manufacture of Ellwood Fence, with equally good results. In describing our wire we do not use misleading terms which are likely to confuse the consumer. We know that the wire used in Ellwood Fence is just right for fence purposes—not too hard nor too soft. It is tough and strong, having just enough spring to give it the "life" required in a woven wire fence, and can be spliced in the field with ordinary fence tools. After it is galvanized by our superior galvanizing process, it makes the best diamond mesh woven wire fence that can be produced.

Size of Wire

Every experienced fence builder knows the importance of buying fence made of full gauge wire. Frequently the consumer is deceived by getting a lighter wire than he pays for, which, of course, shortens the life of the fence. The wire in Ellwood and Diamond Lawn Fence is guaranteed full gauge, as shown below, and is well balanced so as to insure maximum service. Following illustrations show the sizes of wire used in the various specifications.

Ellwood Fence

Specifications A, E and N

Horizontal Cables, Two-Strand No. 12½	
Horizontal Single Wires No. 12½.....	
Cross Wires No. 14.....	

Specifications L and M

Horizontal Cables, Two-Strand No. 14...	
Horizontal Single Wires No. 14.....	
Cross Wires No. 16.....	

Diamond Lawn Fence

Actual size of wires and cables as follows:

Specifications F and I

Horizontal Cables (Two Strand)	
Horizontal Cables No. 12½	
Cross Wires No. 14	

Specifications J

Horizontal Cables (Two Strand)	
No. 12½	
No. 12½	

Specifications K

Horizontal Cables (Three Strand)	
No. 12½	
No. 12½	

Every Rod Guaranteed

ELLWOOD FENCE

Once Used Always Used

Spacing Between Line Wires and Cross Wires

The usefulness of a woven wire fence, for general farm purposes, depends largely upon the nature of its construction. Ellwood fence is different in its form of construction from the commonly accepted type of fence. Its diamond shaped meshes present a closer and more effective obstruction to farm animals, large and small. This diamond mesh construction also makes it non-climbable, which is a very desirable feature in many instances.

Method of Fastening Cross Wires to Line Wires

The line wires, or cables, of Ellwood and Diamond Lawn Fences are composed of two or more wires twisted together, giving each individual wire the shape of an elongated coiled spring. Ellwood Fence, therefore, is sufficiently elastic to take care of expansion and contraction and yet so rigid, when properly stretched, as to prevent sagging. The small and permanent mesh is made by weaving one continuous wire throughout the fabric. The mesh or cross wires are so interwoven that slipping is impossible.

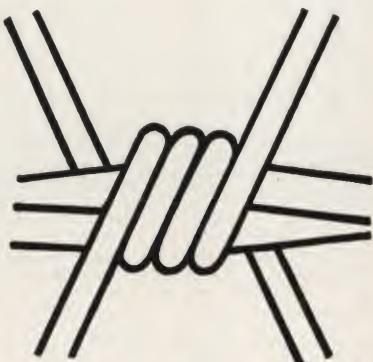


Fig. 1

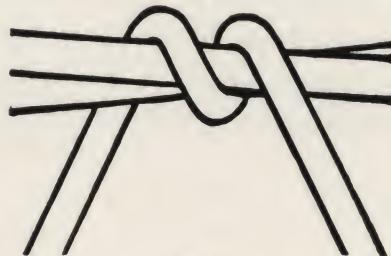


Fig. 2

A perfect hinge joint is formed at every second cable in Ellwood Fence, as illustrated in Fig. 1. The hinge joint feature in woven wire fence has long been recognized as an advantage because it yields to side pressure and enables the fence to resume its original position when the pressure is removed. Fig. 2 shows the manner in which the cross wires are wrapped around top and bottom cables.

Scientifically Constructed

ELLWOOD FENCE

Strong and Durable

Zinc Insulated
REG IN U.S. PAT. OFF.

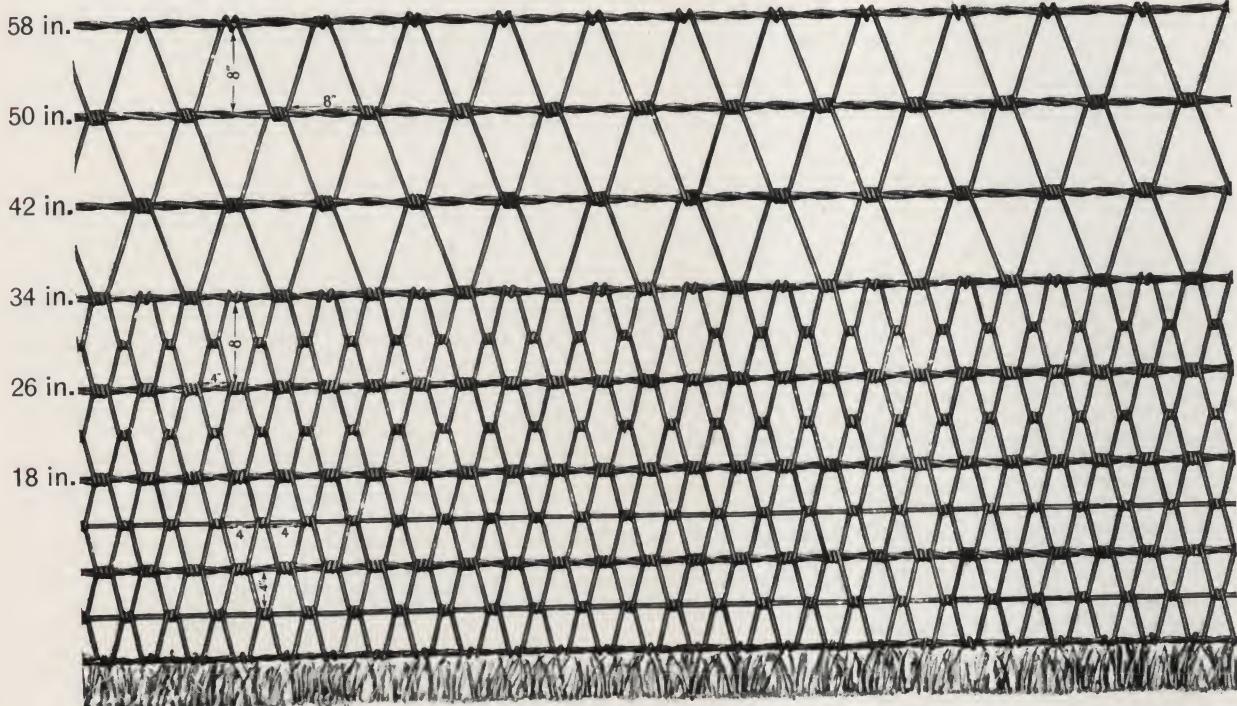
ELLWOOD FENCE

Specifications A

For Horses, Cattle and Hogs

Made in Six Heights

Furnished in 20 and 30 Rod Rolls



The close spacing for the first 18 inches from the bottom will turn hogs, while the slightly larger meshes in the next 16 inches are adequate to turn sheep or wolves. The still larger meshes at the top are sufficient to turn horses and cattle, thus making this style an ideal combination cattle, sheep and hog fence.

In 18 inch height, the spacing is 4 x 4 inch Triangular Mesh throughout.

In 26 and 34 inch heights, the spacing above 18 inches is alternating, 4 x 4-inch Triangular Mesh and 4 x 8-inch Diamond Mesh.

In 42, 50 and 58-inch heights, the spacing above 34 inches is 8 x 8-inch Triangular Mesh.

All horizontal or line wires are two-strand cables, except the second and fourth wires from the bottom, which are single wires.

Actual Size of Wires

Horizontal Cables (Two-Strand)..... No. 12½



Horizontal Single Wires..... No. 12½



Cross Wires..... No. 14



Heights, Weights and Construction

Approximate Height in Inches	Approximate Weight per Rod Pounds	Number of Horizontal Single Wires	Number of Horizontal Two-Strand Cables	SIZE OF WIRES		Price per Rod
				Horizontal Wires	Cross Wires	
58	14.6	2	8	No. 12½	No. 14	
50	13.2	2	7	No. 12½	No. 14	
42	11.7	2	6	No. 12½	No. 14	
34	10.3	2	5	No. 12½	No. 14	
26	8.1	2	4	No. 12½	No. 14	
18	6.0	2	3	No. 12½	No. 14	

Zinc Insulated ELLWOOD FENCE

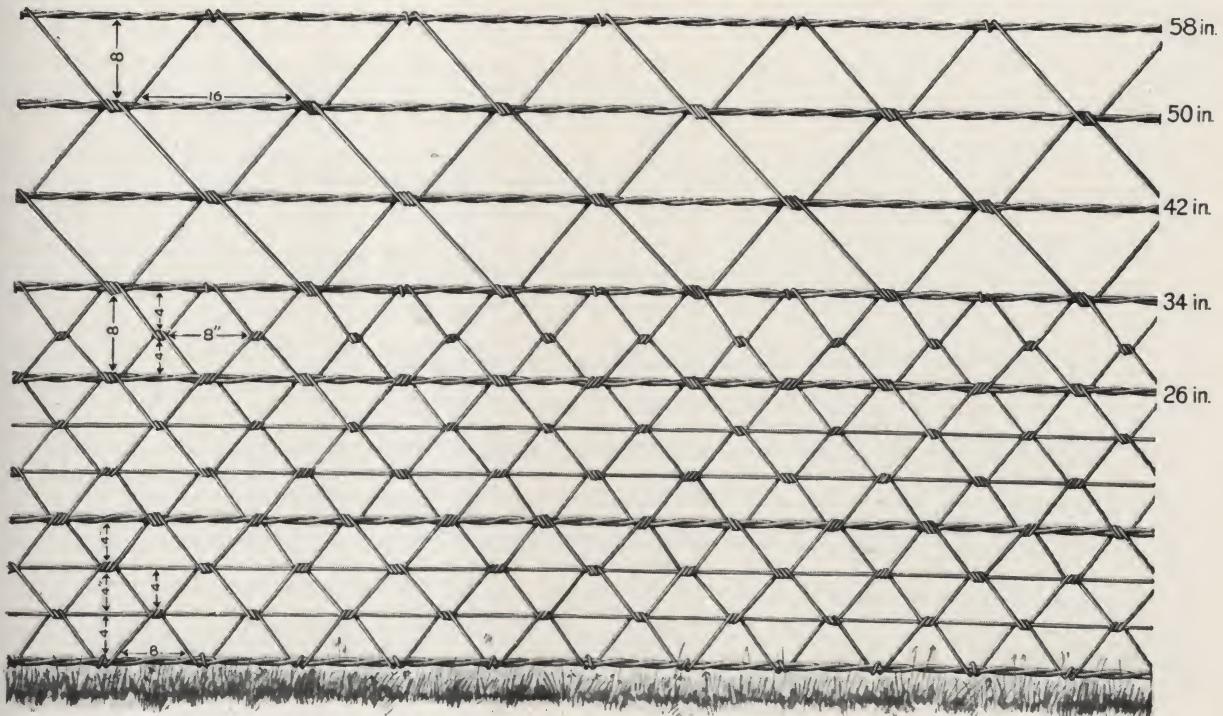
REG IN U.S. PAT. OFF.

Specifications E

For Sheep and Large Farm Animals

Made in Five Heights

Furnished in 20 and 30 Rod Roll



The wide spacing in this style makes it an economical fence, particularly adapted for sheep or larger farm animals. For hog enclosures we recommend the closer spacing found in specifications A, on page 4.

In 26-inch height the spacing is $4 \times 8-inch Triangular Mesh throughout.$

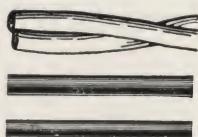
In 34-inch height the spacing above 26 inches is alternating, $4 \times 8-inch Triangle Mesh and $8 \times 8-inch Diamond Mesh.$$

In 42, 50 and 58-inch heights the spacing above 34 inches is $8 \times 16-inch Triangular Mesh.$

All horizontal or line wires are two-strand cables, except the second, third, fifth, and sixth wires from the bottom, which are single wires.

Actual Size of Wires

Horizontal Cables (Two Strand).....	No. 12½
Horizontal Single Wires.....	No. 12½
Cross Wires.....	No. 14



Heights, Weights and Construction

Approximate Height in Inches	Approximate Weight per Rod Pounds	Number of Horizontal Single Wires	Number of Horizontal Two-Strand Cables	SIZE OF WIRES		Price per Rod
				Horizontal Wires	Cross Wires	
58	12.0	4	7	No. 12½	No. 14	
50	10.8	4	6	No. 12½	No. 14	
42	9.6	4	5	No. 12½	No. 14	
34	8.4	4	4	No. 12½	No. 14	
26	6.7	4	3	No. 12½	No. 14	



Zinc Insulated

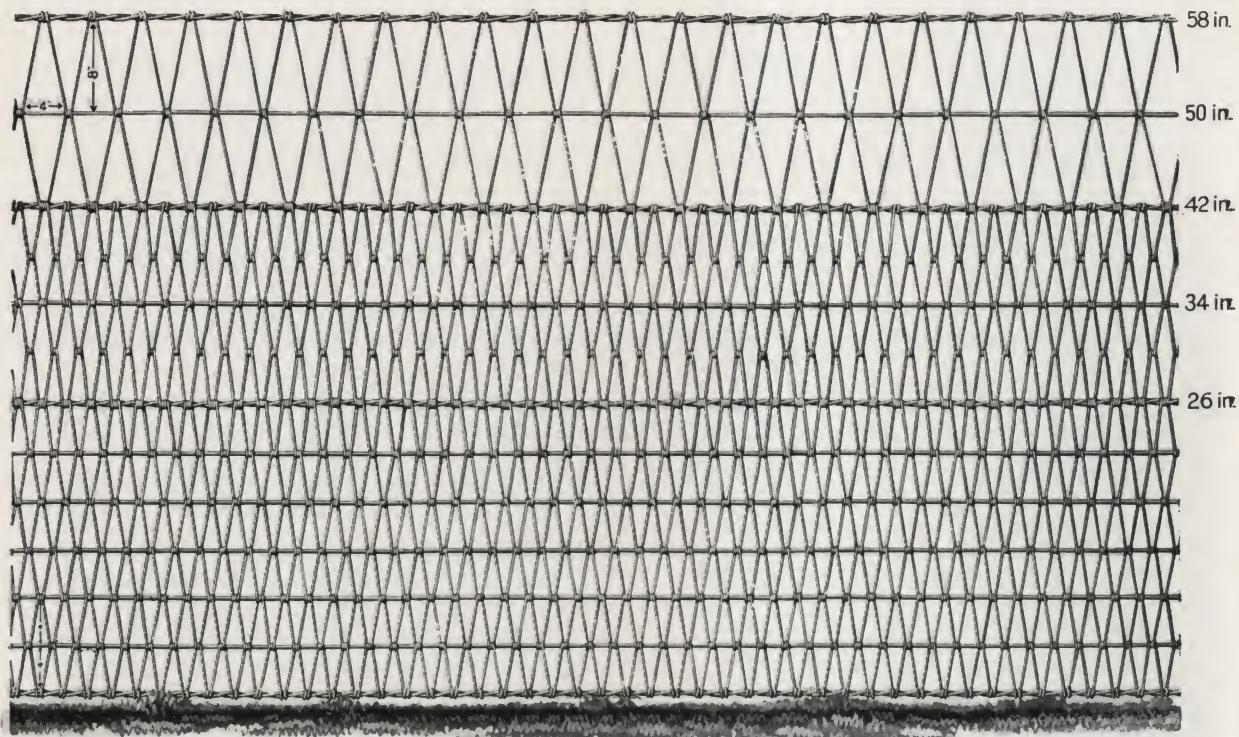
ELLWOOD FENCE

Specifications L

For Poultry and Rabbit Fence

Made in Five Heights

Furnished in 10 and 20 Rod Rolls



This is strictly a poultry and rabbit FENCE, and not to be confused with the light weight poultry NETTING now on the market.

The cabled wires spaced at certain intervals give the fence that support which makes it possible to satisfactorily stretch same without the use of a top or bottom board.

This style is closely spaced at the bottom where greatest protection is needed; at top, where close spacing is unnecessary, the mesh is wider.

When erected upon our Galvanized Steel Posts, this fence will insure sanitation in the poultry yard and keep it free from vermin.

In 26-inch height, the spacing is 2 x 4-inch Triangular Mesh throughout, as shown above.

In 34 and 42-inch heights, the spacing above 26 inches is alternating, 2 x 4-inch Triangular Mesh and 2 x 8-inch Diamond Mesh, as shown above.

In 50 and 58-inch heights, the spacing above 42 inches is 4 x 8-inch Triangular Mesh, as shown above.

All horizontal or line wires, with exception of bottom and top, and seventh and ninth from the bottom, are single wires; the balance are two-strand cables.

Actual Size of Wires

Horizontal Cables..... No. 14



Horizontal Single Wires..... No. 14



Cross Wires..... No. 16



Heights, Weights and Construction

Approximate Height in Inches	Approximate Weight per Rod Pounds	Number of Horizontal Single Wires	Number of Horizontal Two-Strand Cables	SIZE OF WIRES		Price per Rod
				Horizontal Wires	Cross Wires	
58	12.3	7	4	No. 14	No. 16	
50	11.4	6	4	No. 14	No. 16	
42	10.2	6	3	No. 14	No. 16	
34	8.6	5	3	No. 14	No. 16	
26	6.6	5	2	No. 14	No. 16	

Zinc Insulated
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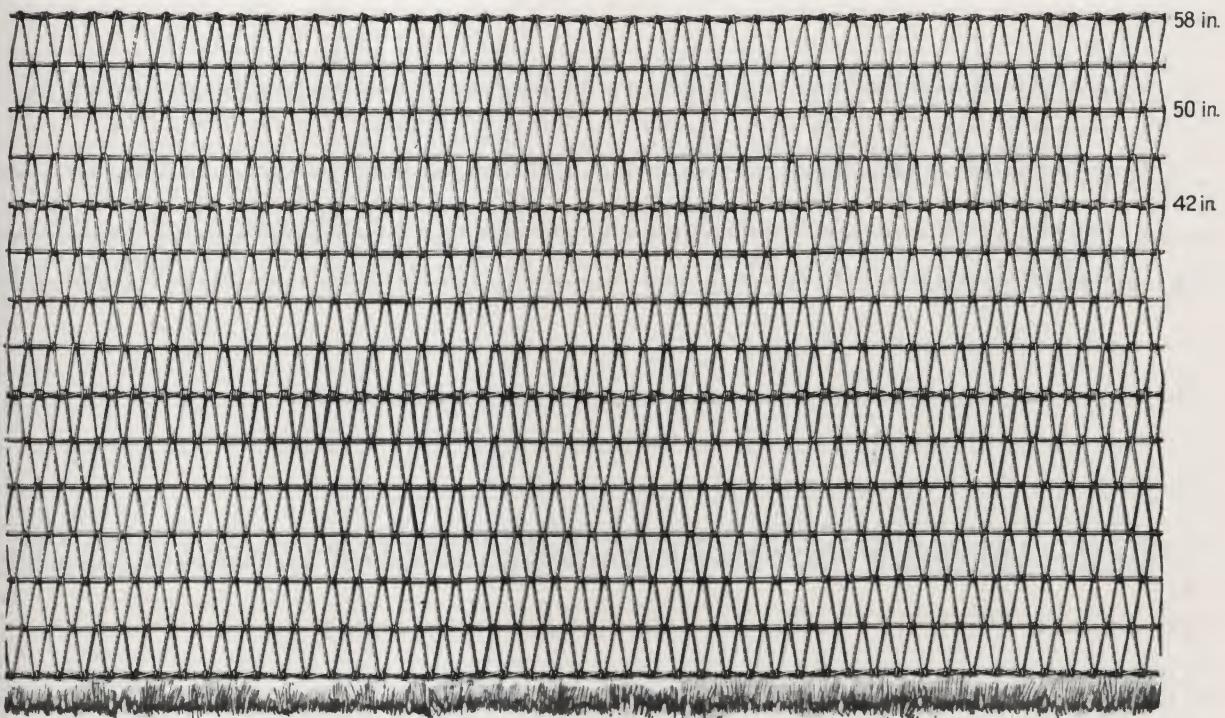
ELLWOOD FENCE

Specifications M

For Poultry, Rabbit and Garden Fence

Made in Three Heights

Furnished in 10 and 20 Rod Rolls



Ideal for sections of country where deep and crusted snow makes it possible for poultry, rabbits or other small animals to run through the wider meshes at the top of specifications L.

In all heights the spacing is 2 x 4-inch Triangular Mesh throughout, as shown above.

Above style is same as specifications L, except that the 2-inch mesh extends to the top of fabric.

All horizontal or line wires with exception of bottom and top and seventh and eleventh from the bottom, are single wires; the balance are two-strand cables.

Actual Size of Wires

Horizontal Cables (Two-Strand).....	No. 14	
Horizontal Single Wires.....	No. 14	
Cross Wires.....	No. 16	

Heights, Weights and Construction

Approximate Height in Inches	Approximate Weight per Rod Pounds	Number of Horizontal Single Wires	Number of Horizontal Two-Strand Cables	SIZE OF WIRES		Price per Rod
				Horizontal Wires	Cross Wires	
58	14.9	11	4	No. 14	No. 16	
50	13.0	9	4	No. 14	No. 16	
42	10.7	8	3	No. 14	No. 16	



Zinc Insulated ELLWOOD FENCE

REG IN U.S. PAT OFF

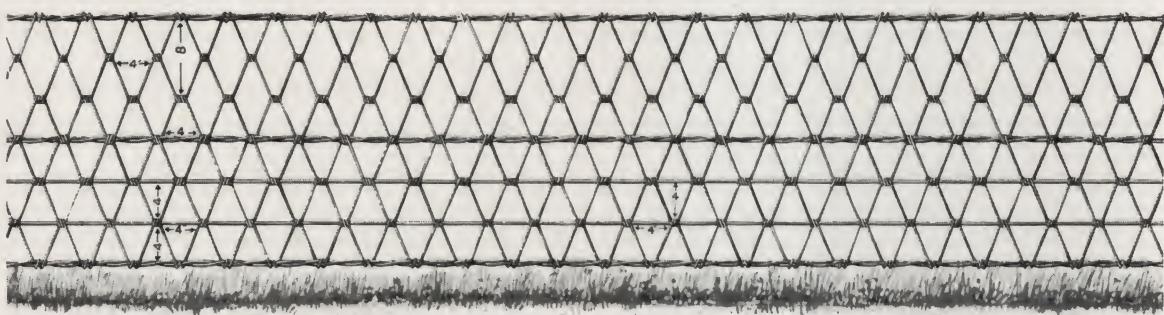
Specifications N

For Hogs and Small Farm Stock

Made in One Height Only

Furnished in 20 and 30 Rod Rolls

26 in.



This is a very satisfactory hog fence for all general purposes. Having less wire and being somewhat lighter in weight than the same height in specifications A (shown on page 4) it is also a trifle cheaper.

When used in connection with the barbed wire, as illustrated above, it can also be utilized to turn cattle in the same field.

In the first three meshes from the bottom (13 inches) the spacing is 4 x 4-inch Triangular Mesh as shown above.

Above 13 inches, the spacing is alternating, 4 x 4-inch Triangular Mesh and 4 x 8-inch Diamond Mesh, as shown above.

All horizontal or line wires are two-strand cables, except the second and third wires from the bottom, which are single wires.

Actual Size of Wires

Horizontal Cables (Two-Strand) No. 12½



Horizontal Single Wires No. 12½



Cross Wires No. 14



Height, Weight and Construction

Approximate Height in Inches	Approximate Weight per Rod Pounds	Number of Horizontal Single Wires	Number of Horizontal Two-Strand Cables	SIZE OF WIRES		Price per Rod
				Horizontal Wires	Cross Wires	
26	7.3	2	3	No. 12½	No. 14	

Zinc Insulated
REG IN U.S. PAT. OFF.

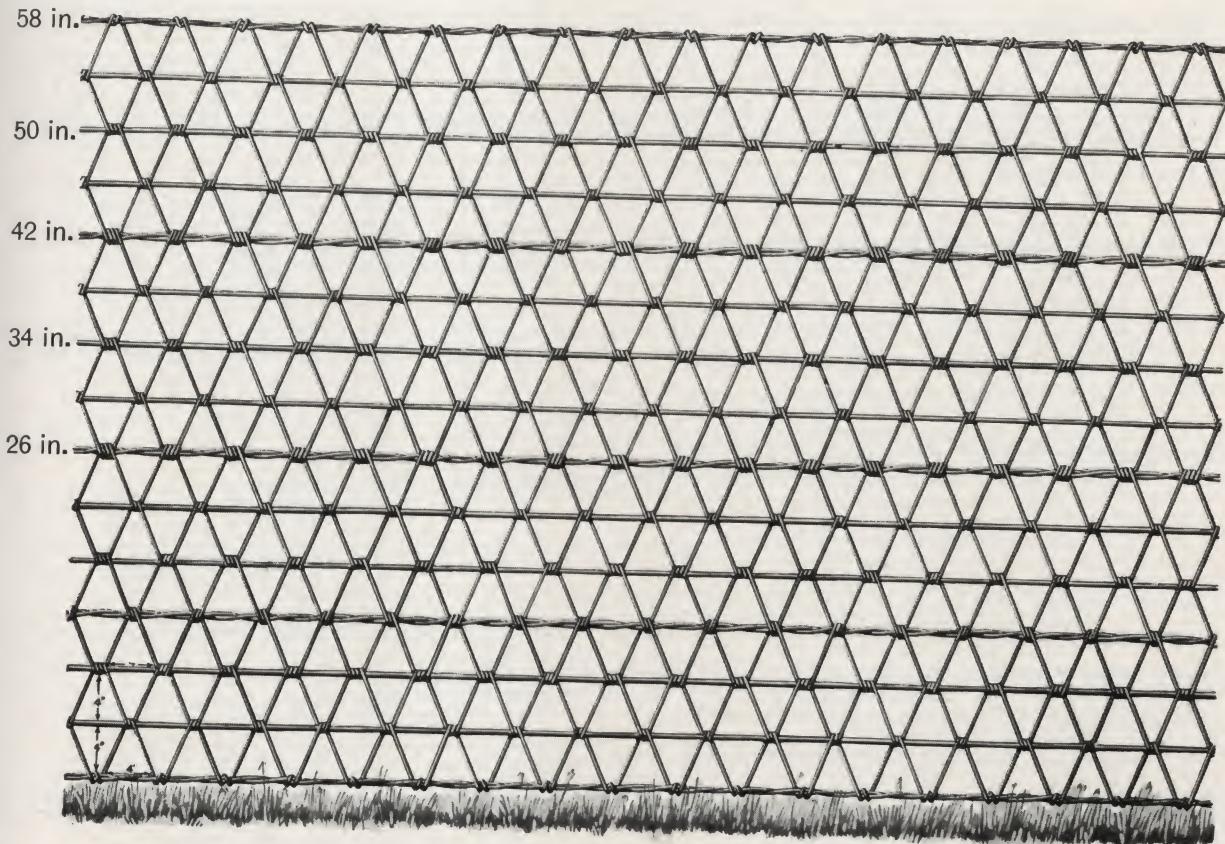
ELLWOOD FENCE

Specifications O

Wolf Proof Fence

Made in Five Heights

Furnished in 20 and 30 Rod Rolls



Made especially for protection against wolves and similar animals. Horizontal wires or cables spaced 4-inch apart from top to bottom as shown in above illustration. The wires are so interwoven with the stay wires or mesh that they form a triangle bridge like truss—the strongest form of fence construction known.

Ellwood Fence is Zinc Insulated against rust. Every roll inspected and guaranteed to be full length and gauge of wire as marked.

The greatest needs in a wolf proof fence are Strength and Durability.

When 34 or 50-inch heights are ordered a cable is substituted for the single wire shown in the illustration.

Heights, Weights and Construction

Approximate Height in Inches	Approximate Weight per Rod Pounds	Number of Horizontal Single Wires	Number of Horizontal Two-Strand Cables	SIZE OF WIRES		Price per Rod
				Horizontal Wires	Cross Wires	
58	10.1	10	5	No. 14½	No. 16	
50	8.7	9	4	No. 14½	No. 16	
42	7.2	8	3	No. 14½	No. 16	
34	6.0	6	3	No. 14½	No. 16	
26	4.8	4	3	No. 14½	No. 16	
					No. 14½	

For detailed description see opposite side of page.

Full Weight

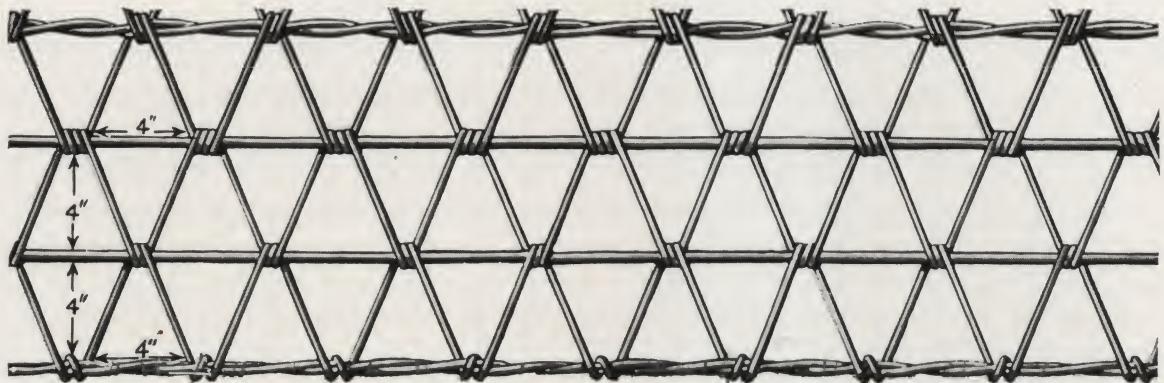
ELLWOOD FENCE

Full Gauge Wires

Zinc Insulated REG. IN U.S. PAT. OFF. ELLWOOD FENCE

Specifications O

Size of Meshes



Spacing is 4 x 4-inch Triangular Mesh throughout as shown above.

Actual Size of Wires

Horizontal Cables (Two-Strand) No. 14½



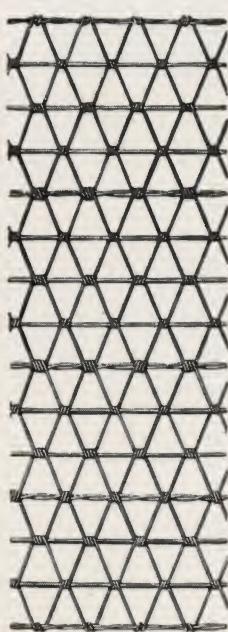
Horizontal Single Wires No. 14½



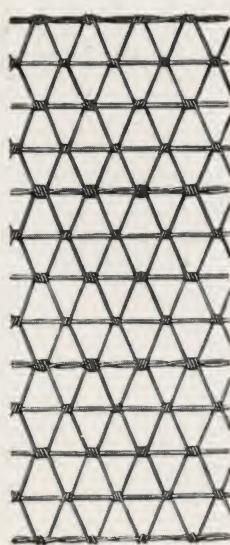
Cross Wires No. 16



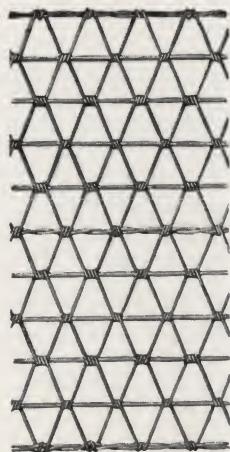
The 26, 34 and 42-inch heights have cables top and bottom and one intermediate cable.
The 50-inch height has cables top and bottom and two intermediate cables.
The 58-inch height has three intermediate cables.



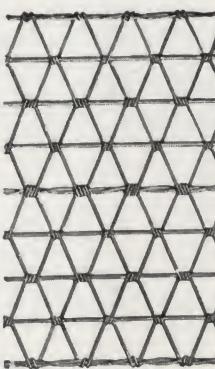
5 CABLES



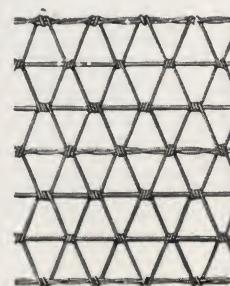
4 CABLES



MADE IN 5 HEIGHTS



3 CABLES



3 CABLES

4 INCH MESH THROUGHOUT

IN 20 AND 30 ROD ROLLS



GUARANTEED Zinc Insulated AMERICAN FENCE

CLOSE MESH SHEEP AND WOLF FENCE

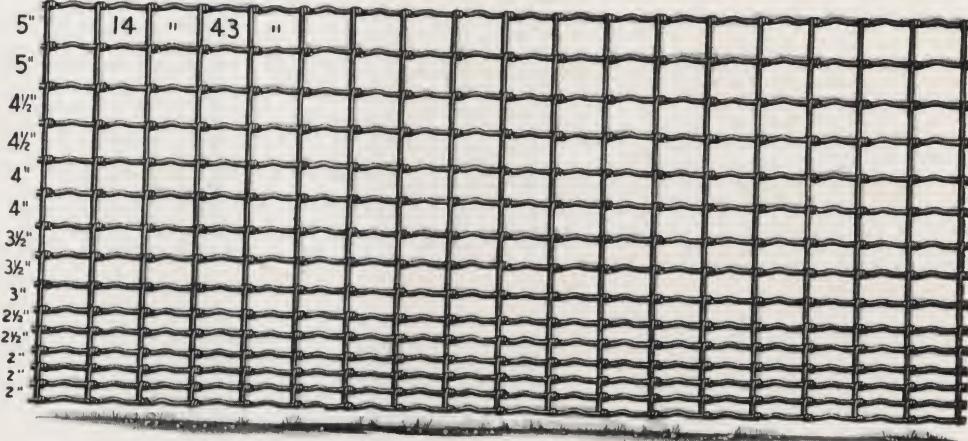
Made Especially for the Southern Trade

Designs 1548, 1443, 1035, 930, 825

Made in Five Heights

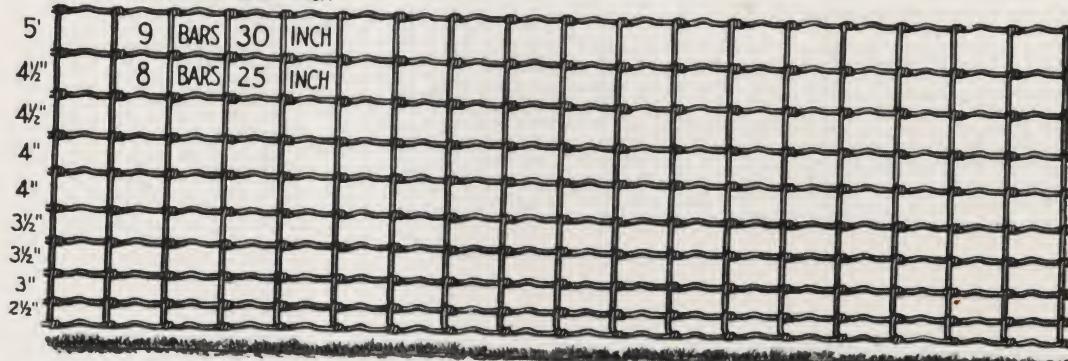
DISTANCE
BETWEEN
BARS INCHES

15 BARS 48 INCH



DISTANCE
BETWEEN
BARS-INCHES

10 BARS 35 INCH



This fence is made especially for protection against wolves and similar animals. Bottom wires closely spaced. The wires are strong and Zinc Insulated (galvanized), giving the fence rust-proof and wear-proof qualities. Tension curves in every line or horizontal wire take care of expansion or contraction due to temperature changes.

Stay Wires 6 or 12 Inches Apart

Furnished in 40 and 20 Rod Rolls

Designs are made in one weight with actual size of wires as follows:

Top Bar.....	No. 11	
Bottom Bar.....	No. 11	

Intermediate Bars.....	No. 14 1/2	
Stays.....	No. 14 1/2	

Specifications 14 1/2 W. P.

Design No.	Number of Horizontal Bars	Height in Inches	6-INCH STAY Approximate Weight per Rod Pounds	12-INCH STAY Approximate Weight per Rod Pounds	Price per Rod
1548	15	48	7.7	6.2	
1443	14	43	7.2	5.8	
1035	10	35	5.5	4.4	
930	9	30	5.0	4.0	
825	8	25	4.4	3.6	



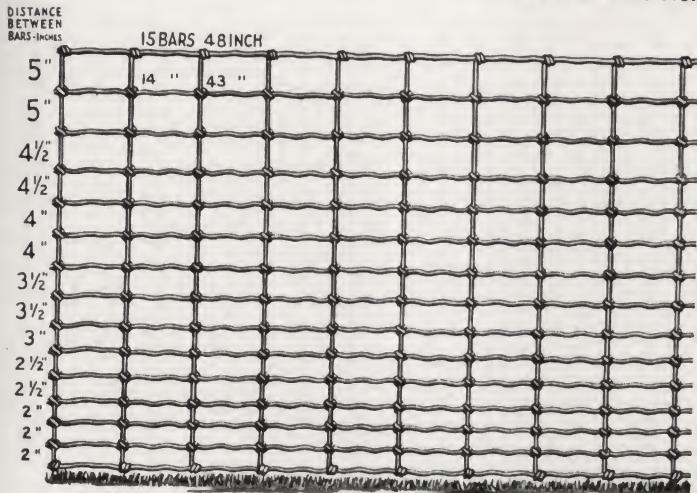
GUARANTEED Zinc Insulated ANTHONY FENCE

CLOSE MESH SHEEP AND WOLF FENCE

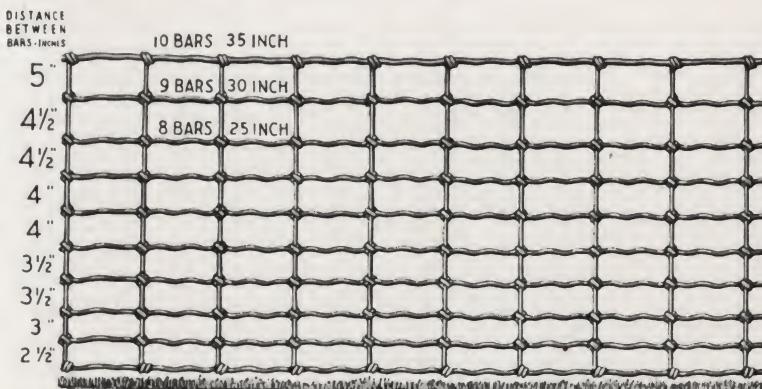
Made Especially for the Southern Trade

Designs 1548, 1443, 1035, 930, 825

Made in Five Heights



The illustration at left shows designs 1548 and 1443 and spacing between the horizontal wires.



The illustration at right shows designs 1035, 930 and 825 and the spacing between the horizontal wires.

This fence is made especially for protection against wolves and similar animals. Bottom wires closely spaced. The wires are strong and Zinc Insulated (galvanized), giving the fence rust-proof and wear-proof qualities. Tension curves in every line or horizontal wire take care of expansion or contraction due to temperature changes.

Stay Wires 6 or 12 Inches Apart

Furnished in 40 and 20 Rod Rolls

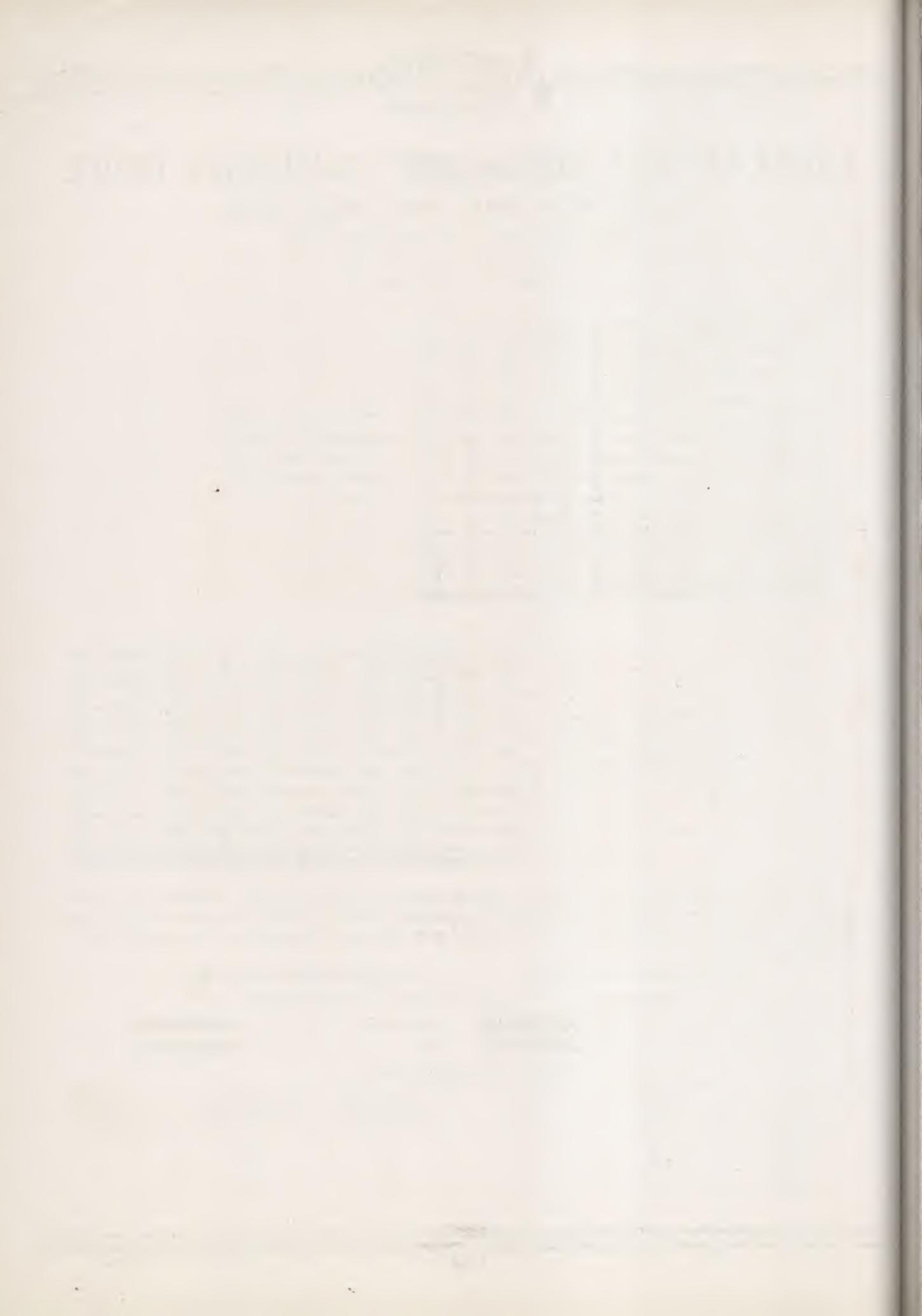
Designs are made in one weight with actual size of wires as follows:

Top Bar.....	No. 11	[Bar Gauge]
Bottom Bar.....	No. 11	[Bar Gauge]

Intermediate Bars.....	No. 14 1/2	[Bar Gauge]
Stays.....	No. 14 1/2	[Bar Gauge]

Specifications 14 1/2 W. P.

Design No.	Number of Horizontal Bars	Height in Inches	6-INCH STAY Approximate Weight per Rod Pounds	12-INCH STAY Approximate Weight per Rod Pounds	Price per Rod
1548	15	48	7.7	6.2	
1443	14	43	7.2	5.8	
1035	10	35	5.5	4.4	
930	9	30	5.0	4.0	
825	8	25	4.4	3.6	





GUARANTEED Zinc Insulated NATIONAL FENCE

CLOSE MESH SHEEP AND WOLF FENCE

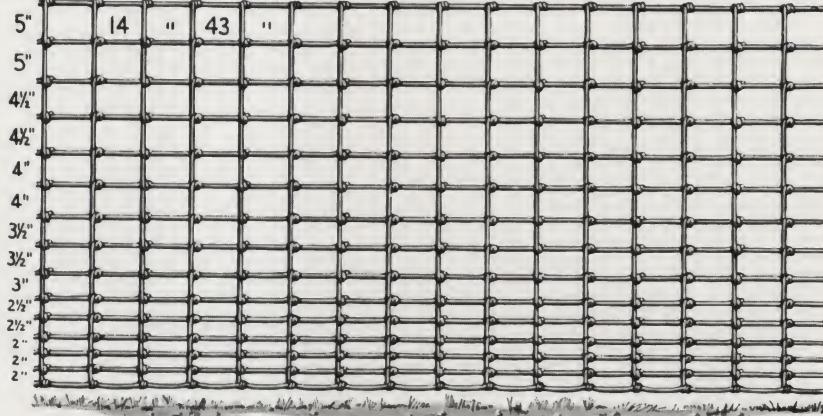
Made Especially for the Southern Trade

Designs 1548, 1443, 1035, 930, 825

Made in Five Heights

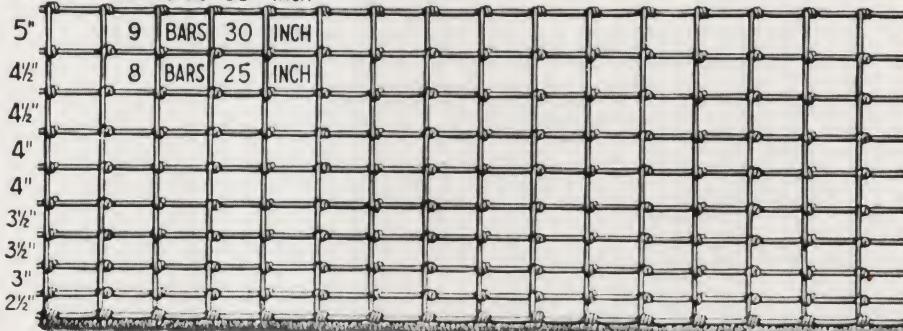
DISTANCE
BETWEEN
BARS-INCHES

15 BARS 48 INCH



DISTANCE
BETWEEN
BARS-INCHES

10 BARS 35 INCH



This fence is made especially for protection against wolves and similar animals. Bottom wires closely spaced. The wires are strong and Zinc Insulated (galvanized), giving the fence rust-proof and wear-proof qualities. Tension curves in every line or horizontal wire take care of expansion or contraction due to temperature changes.

Stay Wires 6 or 12 Inches Apart

Furnished in 40 and 20 Rod Rolls

Designs are made in one weight with actual size of wires as follows:

Top Bar.....No. 11

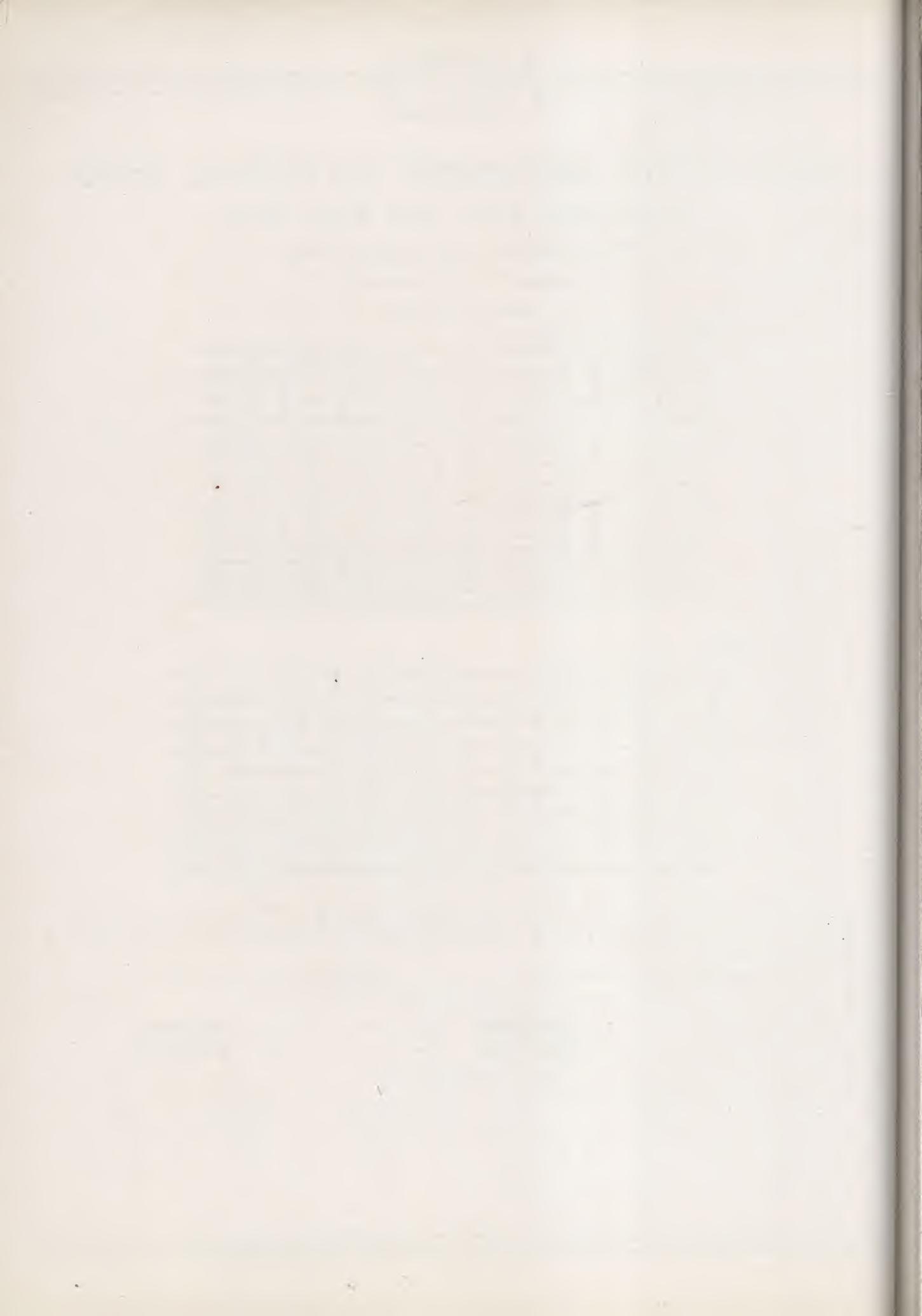
Intermediate Bars.....No. 14 1/2

Bottom Bar.....No. 11

Stays.....No. 14 1/2

Specifications 14 1/2 W. P.

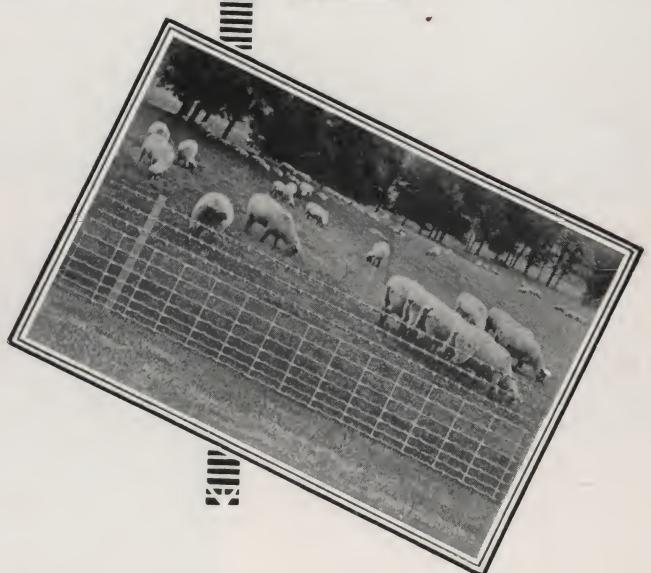
Design No.	Number of Horizontal Bars	Height in Inches	6-INCH STAY Approximate Weight per Rod Pounds	12-INCH STAY Approximate Weight per Rod Pounds	Price per Rod
1548	15	48	7.7	6.2	
1443	14	43	7.2	5.8	
1035	10	35	5.5	4.4	
930	9	30	5.0	4.0	
825	8	25	4.4	3.6	





Farmers Are Improving
Their Farms.

Fence is part of the plan





SERVICE
TO
YOU

Fairfield
Works

If you owned any one of
our 29 mills the products
could not be more at
your disposal.



Rankin
Works



Waukegan
Works

Our mills are operated for
you and from them we fill
your every need in
record time.

Here are shown a few of
the Mills behind Quality
Products.



Duluth
Works



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MEMORANDUM



Zinc Insulated
Trade Mark

AMERICAN FENCE

Insulated Against Rust

The test of time in service on your farm is the only true test by which good fence can be measured. Knowing the extra long lasting qualities of American Fence, the American Steel & Wire Company give this

Guarantee of Service

—That the fence will give you the equal of or longer service than any other fence made of equal size wires and used under the same conditions. Any buyer who shows that it fails to do so will upon presentation of the written guarantee, be supplied with an equal amount of new fence free.

American Fence has always been the highest quality fence that the most progressive methods of manufacture could produce. Improvements constantly are added as discovered, to make it last longer and give better service.

The American Steel & Wire Company, maker of American Fence, control every process from selection of ore to the finished product. They know what American Fence is and stand back of it with this unqualified guarantee, based on their past record of more than 27 years for producing **QUALITY PRODUCTS**.

You will find a SIGN reading ZINC INSULATED FENCE in every roll of genuine Zinc Insulated Fence. It is put there for your protection; it means that every roll of fence is made and guaranteed by a reliable manufacturer whose reputation for **quality** has stood the test for more than a quarter of a century.

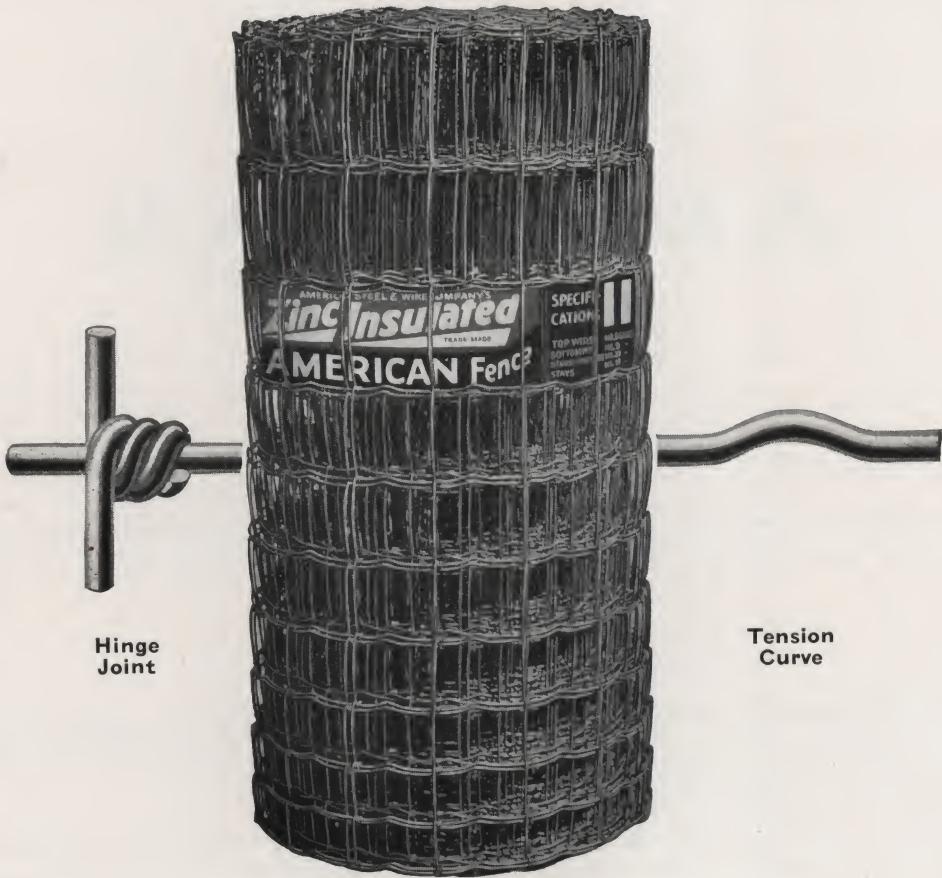
Zinc Insulated Fence is made only by the American Steel & Wire Company.

Simplified Practice

Our fences are made in accordance with the standards established in conference with the Department of Commerce at Washington. The sizes were adopted because they are the most economical gauges to draw, enabling us to give a greater quantity of steel per rod for the price and the farmer the best value for his money.

**This standardization or simplification applies only to heights, spacings and wire gauges.
It does not apply to the quality of steel or galvanizing.**

Our "ZINC INSULATED" FENCE is in a class by itself. This quality cannot be found in other fences. "ZINC INSULATED" FENCE is made only by the American Steel & Wire Company.



Hinge Joint

Tension Curve

The Strong Points of

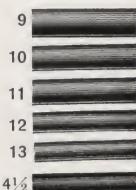
Zinc Insulated American Fence

Proper Construction

The American hinge joint method of attaching line and stay wires is time-tested and proven satisfactory by over 27 years of actual service in the field.

Gauge of Wires

Numbers are used to designate the gauges of wires. Don't be confused, as the larger the number the smaller the wire. For instance, No. 9 gauge wire is larger than No. 9½ gauge. Every wire in American Fence is guaranteed to be the gauge or size called for by the specification sign placed inside the roll. Look for this placard; it is placed there for your protection.



Distance Between Stay Wires

Every rod of 6-inch stay American Fence has 32 stays and every rod of 12-inch stay has 16 stays. American Fence is never made less durable or serviceable by placing stay wires a greater distance apart.

Full Length Rolls

American Fence is not only made from full gauge wires, but all rolls are guaranteed to be **Full Length**.

Quality

Save money by buying quality in woven wire fence. While we make light weight fences, the best that can be produced, because some of the trade demands them, we recommend our heavy fences made from large wires as they are the most economical to use. The heavy substantial fence is by far the cheapest in the long run.



Zinc Insulated
GUARANTEED
Trade Mark

Construction of AMERICAN FENCE

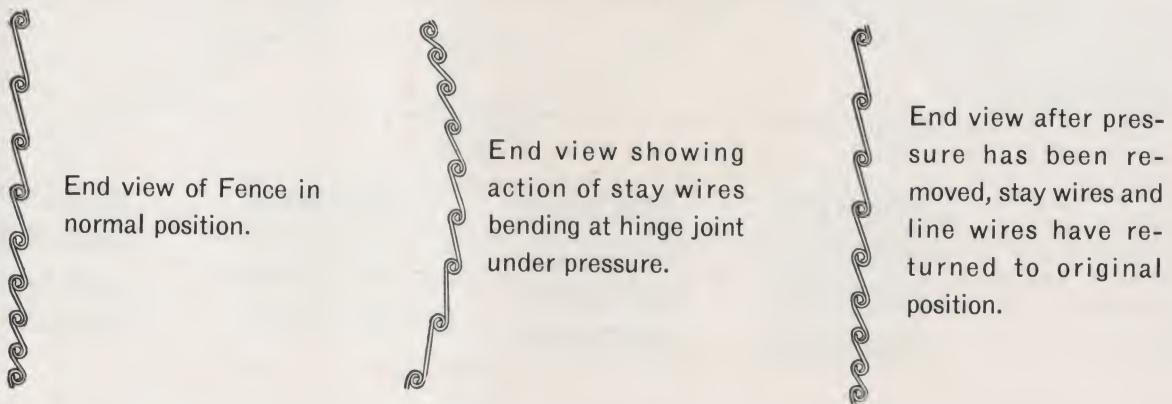
The Original and Genuine Hinge Joint Fence
—Sometimes Imitated but Never Equalled.

Hinge Joint

The famous American Hinge Joint prevents the fence from crushing under pressure. A separate piece of stay wire is used between each line wire, the ends being fastened together in the hinge joint.

Tension Curves

These are built into the line wires—a curve every six inches—making it possible to stretch the fence as it should be stretched and still provide for contraction and expansion due to temperature changes. These curves will not pull out, as the wire is made of the right kind of material.



Zinc Insulated

Every wire in American Fence is "ZINC INSULATED" (galvanized) with a heavy uniform coating of zinc. This galvanizing **insulates** the wire with zinc, or spelter. It will stand the real test of time under all kinds of weather conditions.

Reputation

For years American Fence has borne an enviable reputation for lasting quality, and the "ZINC INSULATED" FENCE made today will add to that reputation.

Guarantee of Service

We guarantee our fence to give the equal of or longer service than any other fence made of equal size wires and used under the same conditions.

Zinc Insulated and Specification Sign—Look for the sign. It is placed in every roll of genuine Zinc Insulated Fence. It shows the actual size of wires used and that the fence is made and guaranteed by a reliable manufacturer.

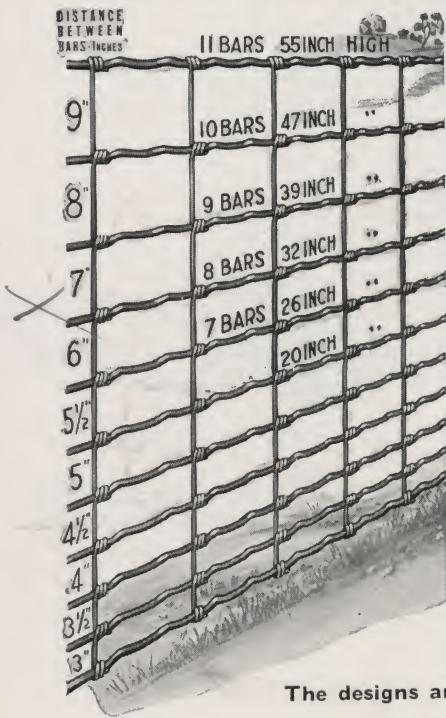
If this sign is not in the roll it is not genuine American Fence. **We know of no other manufacturer who puts a sign in the roll to show the size of wires used.**



GUARANTEED Zinc Insulated AMERICAN FENCE

Trade Mark

Designs 1155, 1047, 939, 832 and 726



**For Horses, Cattle, Sheep, Hogs
and all Farm Animals**

This fence made in 5 heights and meets all requirements. The close spacing at bottom turns hogs and at the same time you have an excellent cattle, sheep and horse fence. It is furnished in Spec. No. 9, No. 11 and No. 12½ and 'designs 939-832 and 726 are also furnished in Spec. 14½.

Stay Wires 6 or 12 Inches Apart in Specifications No. 9, 11 and 12½

Stay Wires 6 Inches Apart in Specifications No. 14½

Furnished in 40 and 20-Rod Rolls

The designs are made in weights or specifications, with actual size of wires as follows:

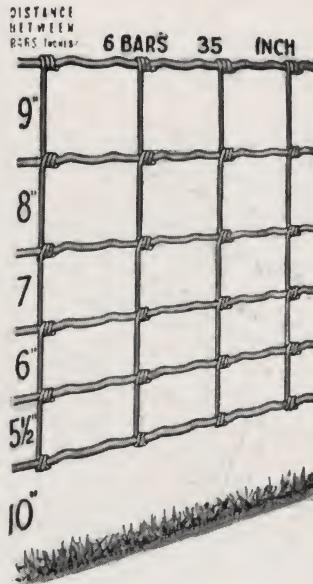
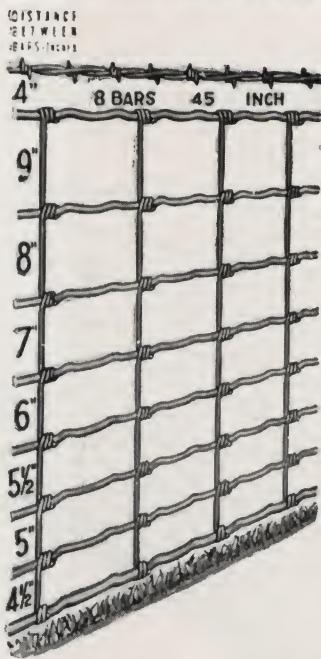
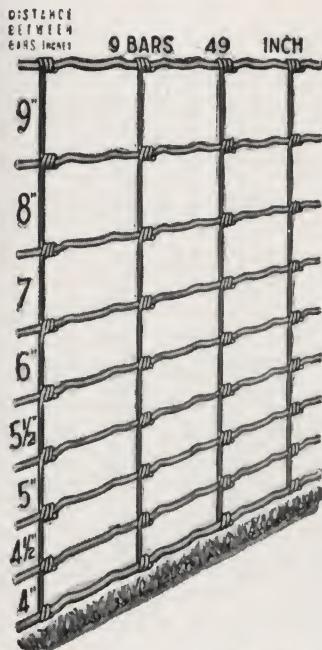
	ACTUAL SIZE OF WIRE			
	Spec. No. 9	Spec. No. 11	Spec. No. 12½	Spec. No. 14½
Top Wire.....	9	9	10	11
Bottom Wire.....	9	9	10	11
Intermediate Wires.....	9	11	12½	14½
Stay Wires.....	9	11	12½	14½

Specifications	Design No.	No. of Horizontal Bars	Approximate Height in Inches	Approximate Weight per Rod in Pounds			
				12-inch Stays	Price Per Rod	6-inch Stays	Price Per Rod
No. 9	1155	11	55	17.1		23.3	
	1047	10	47	15.3		20.8	
	939	9	39	13.5		18.1	
	832	8	32	11.8		15.6	
	726	7	26	10.1		13.3	
No. 11	1155	11	55	11.8		15.8	
	1047	10	47	10.6		14.0	
	939	9	39	9.4		12.3	
	832	8	32	8.3		10.7	
	726	7	26	7.2		9.2	
No. 12½	1155	11	55	8.2		10.8	
	1047	10	47	7.3		9.5	
	939	9	39	6.6		8.4	
	832	8	32	5.8		7.4	
	726	7	26	5.1		6.4	
No. 14½	939	9	39	....		5.6	
	832	8	32	....		4.9	
	726	7	26	....		4.3	

GUARANTEED **Zinc Insulated** AMERICAN FENCE

Designs 949, 845 and 635

For Horses and Cattle



These are ideal fences for horses, cattle or sheep

Design 635 is usually placed 10 inches above the ground and one or more strands of barbed wire stretched above it. These designs are used for large animals only.

Stay Wires 12 Inches Apart Only Furnished in 40 and 20-Rod Rolls

Above designs are made in three weights or specifications, with actual size of wires as follows:

	Specifications No. 9	Specifications No. 11	Specifications No. 12½
Top Wire.....	No. 9	9	10
Bottom Wire.....	No. 9	9	10
Intermediate Wires.....	No. 9	11	12½
Stay Wires.....	No. 9	11	12½

Specifications	Design No.	No. of Horizontal Bars	Approximate Height in Inches	12-Inch Stays	
				Approximate Weight per Rod in Pounds	Price Per Rod
No. 9	949	9	49	14.4	
	845	8	45	12.9	
	635	6	35	9.7	
No. 11	949	9	49	9.9	
	845	8	45	9.0	
	635	6	35	7.0	
No. 12½	949	9	49	6.9	
	845	8	45	6.3	
	635	6	35	5.0	

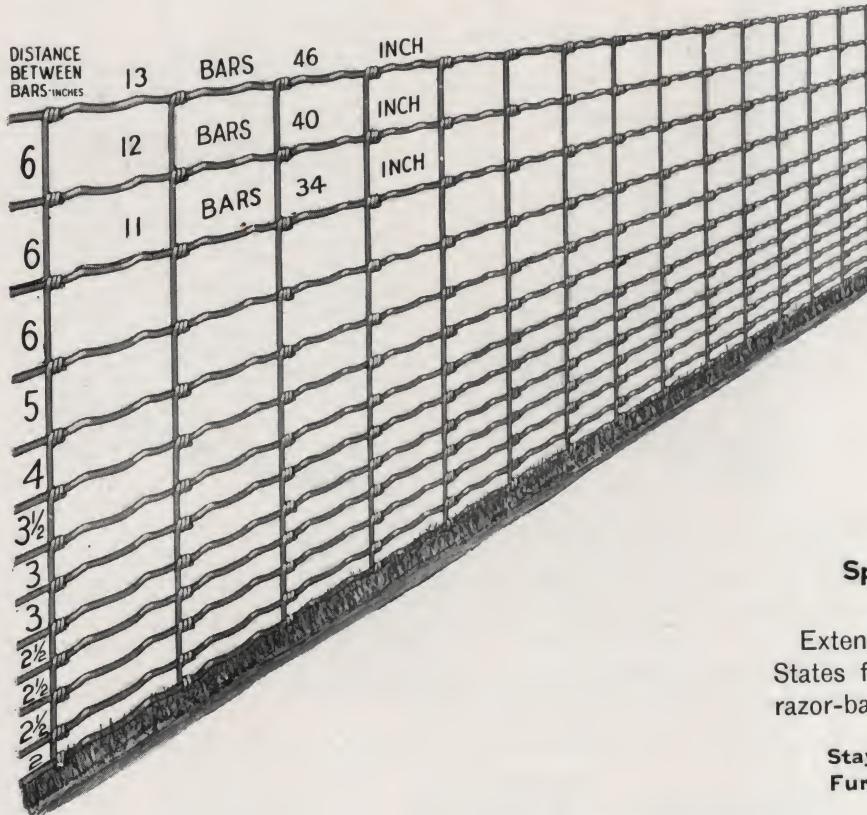


Zinc Insulated AMERICAN FENCE

Trade Mark

Designs 1346, 1240 and 1134

Close Mesh Hog and Cattle Fence



A fence so spaced as to make an ideal Hog, Horse and Cattle Fence. The close spacing at the bottom will turn razor-back hogs.

Specification No. 12½ CM

Extensively used in the Southern States for 20 years. Ideal for turning razor-back hogs.

**Stay Wires 6 or 12 Inches Apart
Furnished in 40 and 20-Rod Rolls**

Above designs are made in one weight with actual size of wire as follows:

Bottom Wire.....	No. 10	
Top Wire.....	No. 10	

Intermediate Wires.....	No. 12½	
Stay Wires.....	No. 12½	

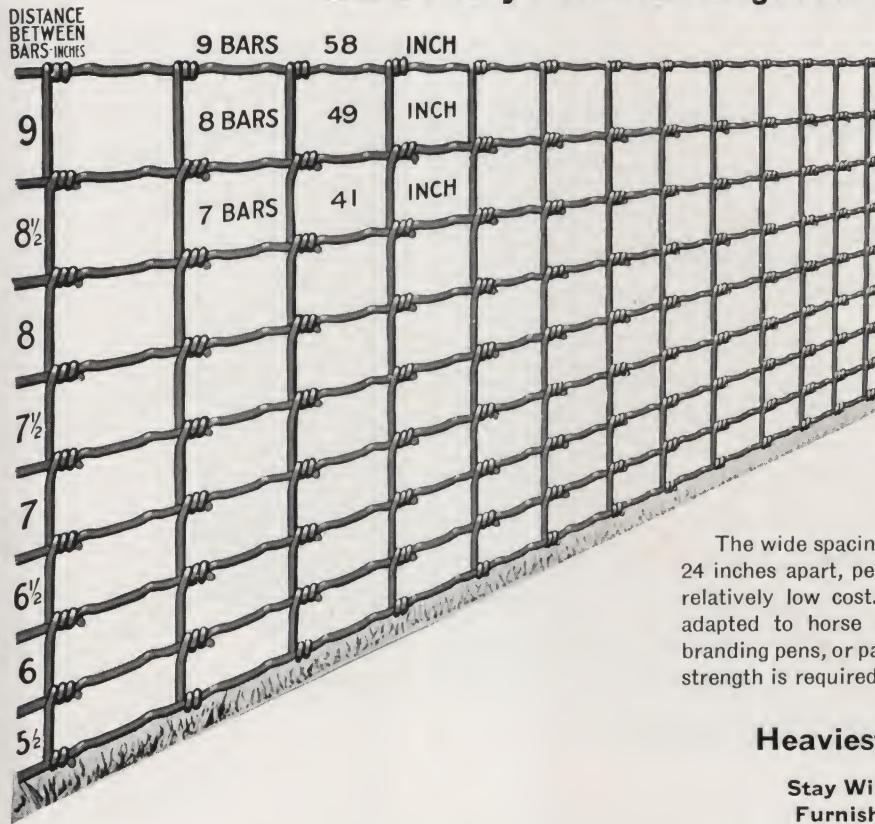
Specifications No. 12½ CM

Design No.	No. of Horizontal Bars	Approximate Height in Inches	Approximate Weight per Rod in Pounds			
			12-inch Stays	Price Per Rod	6-inch Stays	Price Per Rod
1346	13	46	9.2		11.9	
1240	12	40	8.4		10.9	
1134	11	34	7.7		9.8	

GUARANTEED **Zinc Insulated** AMERICAN FENCE

Designs 958, 849 and 741

Extra Heavy Fence for Large Animals



Specifications No. 7

Also made in Designs 853, 747 and 640 as listed below

The wide spacing between line wires also stays 12 and 24 inches apart, permits the use of No. 7 gauge wire at relatively low cost. This style of fence is particularly adapted to horse and cattle yards, corrals, paddocks, branding pens, or pastures, where a fence of extraordinary strength is required.

Heaviest Wire Fence Made

Stay Wires 12 or 24 Inches Apart
 Furnished only in 20-Rod Rolls

Above designs are made in one weight, with actual size of wire as follows:

Top Wire.....	No. 7	
Bottom Wire.....	No. 7	

Intermediate Wires.....	No. 7	
Stay Wires.....	No. 7	

Specifications No. 7

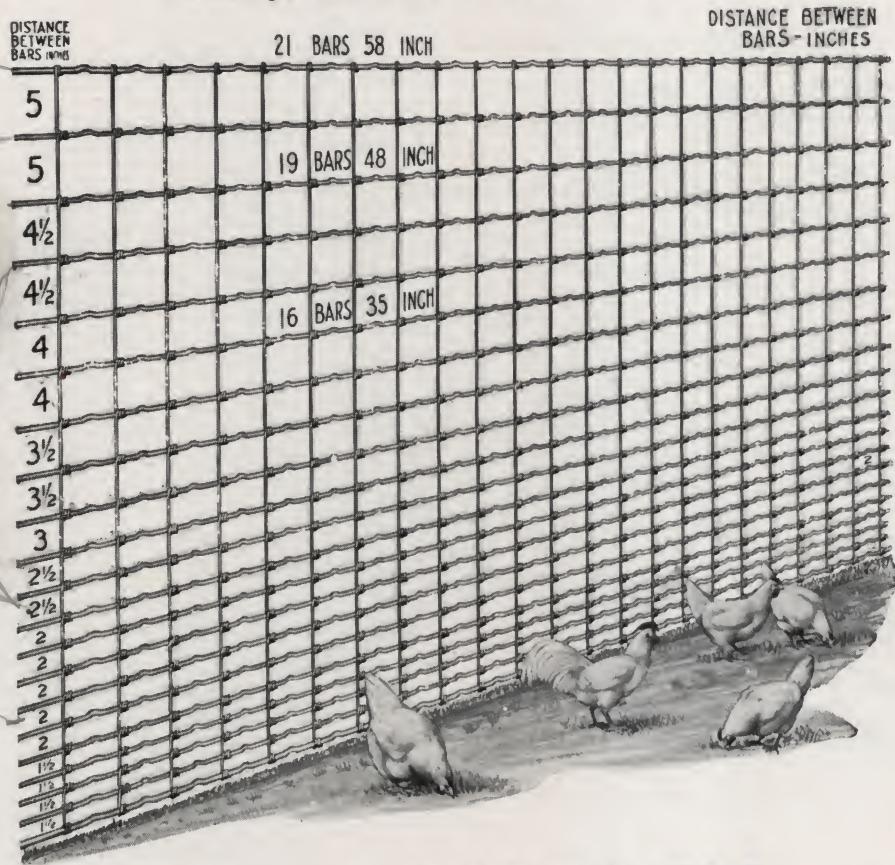
(This fence is made at Pittsburgh, Pa., only.)

Design No.	No. of Horizontal Bars	Approximate Height in Inches	APPROXIMATE WEIGHT PER ROD IN POUNDS			
			24-inch Stays	Price Per Rod	12-inch Stays	Price Per Rod
958	9	58	18.0		23.2	
853	8	53	16.0		20.7	
849	8	49	15.8		20.3	
747	7	47	14.0		18.1	
741	7	41	13.7		17.4	
640	6	40	12.0		15.4	



GUARANTEED Zinc Insulated AMERICAN FENCE

Designs 2158, 1948 and 1635
Poultry, Garden and Rabbit Fence



Specifications No. 14½ P. R. and No. 13 P. R.

Top or bottom boards not required with this Poultry Fence on account of the close spacing between bottom line wires. An ideal chicken and rabbit-proof fence. Can be stretched like a field fence.

Stay Wires 6 Inches Apart. Furnished in 10 and 20-Rod Rolls

Made in two weights—No. 14½ for general use and No. 13 where an unusually strong heavy poultry fence is required. Actual size of wire as follows:

Specifications No. 14½ P. R.

Top Wire.....	No. 11	
Bottom Wire.....	No. 11	
Intermediate Wires.....	No. 14½	
Stay Wires.....	No. 14½	

Specifications No. 13 P. R.

Top Wire.....	No. 11	
Bottom Wire.....	No. 11	
Intermediate Wires.....	No. 13	
Stay Wires.....	No. 13	

Specifications No. 14½ P. R.

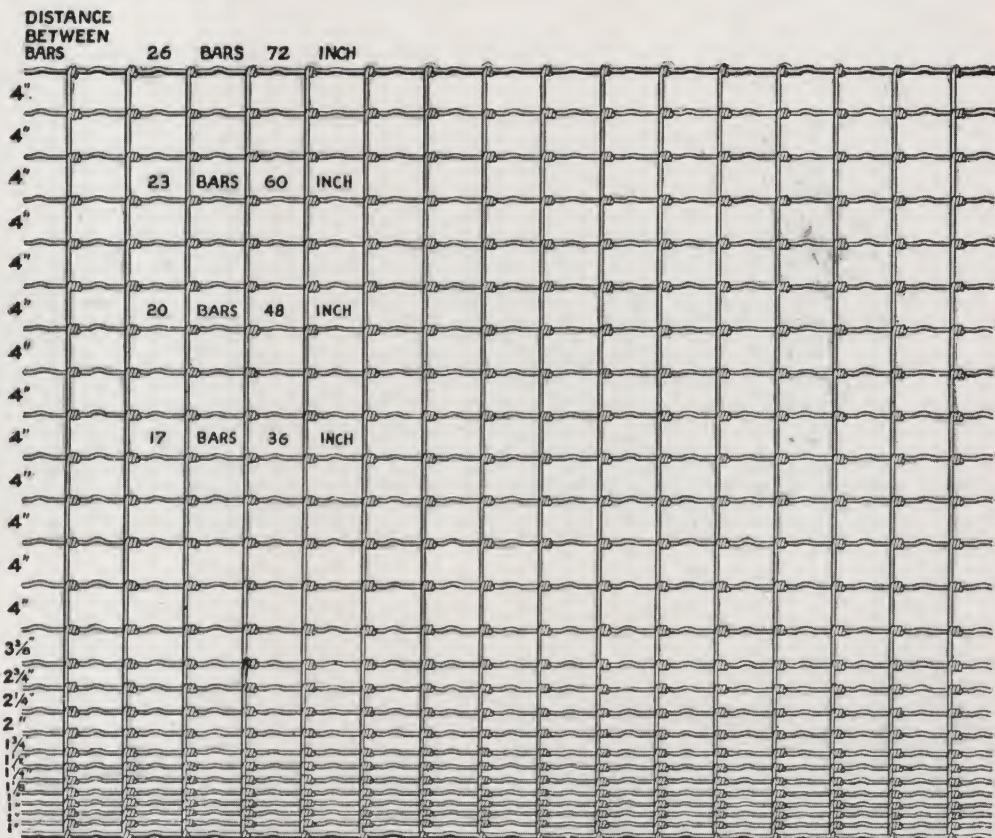
Design No.	No. of Horizontal Bars	Approximate Height in Inches	Approximate Weight per Rod in Pounds	Price Per Rod	Design No.	No. of Horizontal Bars	Approximate Height in Inches	Approximate Weight per Rod in Pounds	Price Per Rod
			6-inch Stays					6-inch Stays	
2158	21	58	10.4		2158	21	58	14.4	
1948	19	48	9.3		1948	19	48	12.8	
1635	16	35	7.7		1635	16	35	10.5	



PROTECTOR POULTRY and RABBIT FENCE

Four One-Inch Spaces at Bottom

A new one-inch poultry fence. Has four one-inch spaces at the bottom. Its strength and closely spaced line wires will appeal to poultry raisers. Close Mesh Poultry Fence is not a netting but a heavy poultry fence, yet it is more economical than netting. Close Mesh Poultry Fence can also be used for gardens, orchards, yards and kennels. All its wires are galvanized with a heavy uniform coating of zinc. Stays or upright wires are six inches apart.



Made in Four Heights: 36", 48", 60" and 72".
Stay Wires 6-Inches Apart. **Furnished in 10 and 20 Rod Rolls.**

SIZES AND WEIGHTS

Specifications No. 14½

Top Wire.....	No. 11	
Bottom Wire.....	No. 11	
Intermediate Wires.....	No. 14½	
Stay Wires.....	No. 14½	

Specifications No. 15½

Top Wire.....	No. 12½	
Bottom Wire.....	No. 12½	
Intermediate Wires.....	No. 15½	
Stay Wires.....	No. 15½	

Design No.	Approx. Height in Inches	No. of Bars	Approx. Weight per Rod	Price Per Rod
2672	72	26	12.0	
2360	60	23	10.5	
2048	48	20	9.0	
1736	36	17	7.5	

Design No.	Approx. Height in Inches	No. of Bars	Approx. Weight per Rod	Price Per Rod
2672	72	26	9.0	
2360	60	23	7.9	
2048	48	20	6.8	
1736	36	17	5.7	

UNION LOCK POULTRY FENCE

**A Closely Spaced, Medium Weight, Square Mesh Poultry Fence
Thoroughly Galvanized**

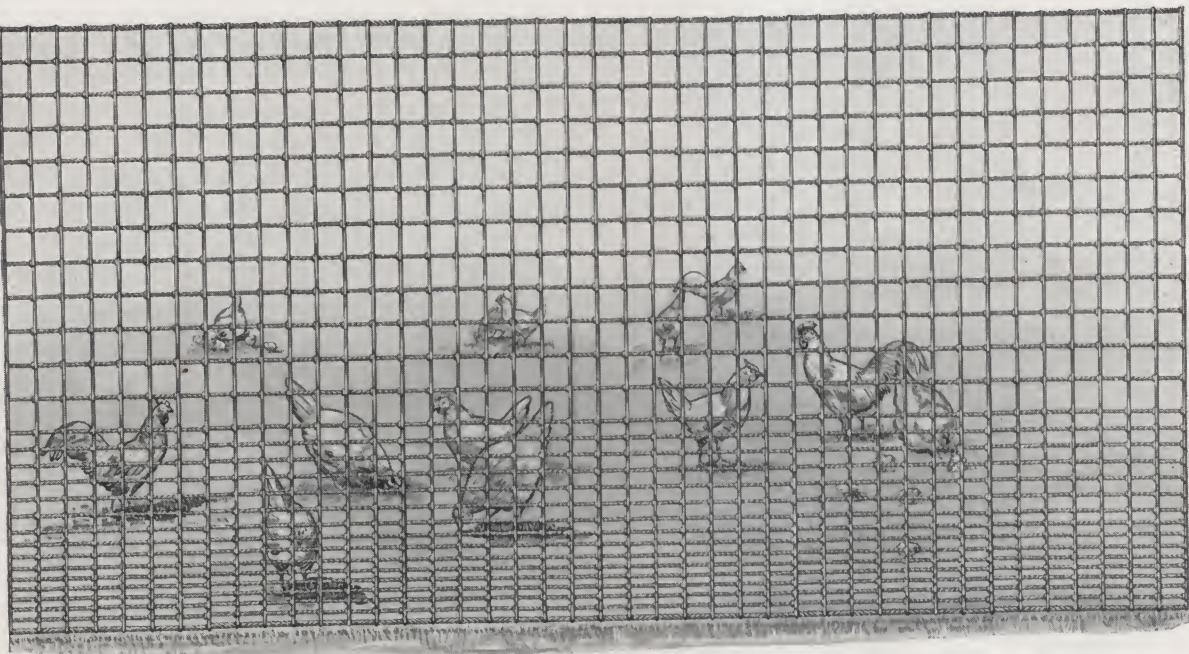
Heights
72-ins.

60-ins.

48-ins.

36-ins.

24-ins.



Union Lock Poultry Fence has been on the market for years. The steadily increasing demand proves its superiority as an efficient, medium priced poultry fence. It is not to be confused with what is commonly known as a poultry netting. The latter is usually made from lighter wire, while Union Lock is a woven wire **fence**, made of heavier and well galvanized wire, which insures longer life. The first requirement of a good poultry fence is close spacing.

Union Lock Poultry Fence with its first six spaces only $1\frac{1}{8}$ inches apart, and gradually increasing to $3\frac{1}{8}$ inch spacing at the top, is a barrier to the smallest chicks.

All the horizontal bars consist of a two-strand No. 20 gauge cable.

Upright or stay wires are No. 19 gauge, spaced 3 inches apart and woven into each cable to prevent slipping.

Being of square mesh construction, it goes up easily on uneven ground.

Can be stretched tightly, same as a stock fence.

Made in Five Heights Listed Below

Union Lock Poultry Fence offers exceptional value for a medium weight fence of its kind.

Furnished in 10 and 20-Rod Rolls

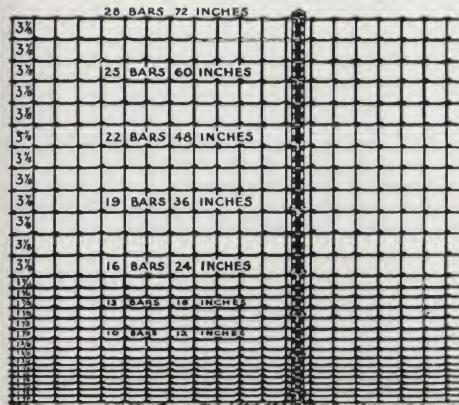
Heights and Weights

HORIZONTAL CABLES—Two-Strand No. 20 Gauge			STAY WIRES—No. 19 Gauge and 3 inches apart	
Design No.	Number of Horizontal Bars	Height in Inches	Approximate Weight per 10-Rod Roll in Pounds	Price Per Rod
2872	28	72	55	
2560	25	60	48	
2248	22	48	42	
1936	19	36	35	
1624	16	24	28	

BANNER POULTRY FENCES

Banner Fence is made with high quality, thoroughly galvanized wire. Can be stretched like field fence. Easy to put up. No top or bottom boards required. Put up in 10 rod (165 ft.) rolls.

Specification No. 17 (Formerly Banner Standard)



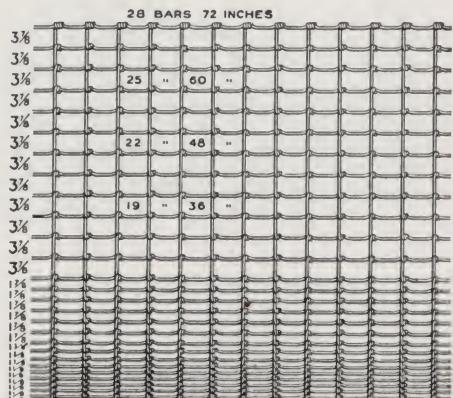
Design No.	No. of Bars	Height in Inches	Price
1012	10	12	
1318	13	18	
1624	16	24	
1936	19	36	
2248	22	48	
2560	25	60	
2872	28	72	
3184	31	84	

Top and Bottom Wires No. 15; Intermediate and Stay Wires No. 17. Stays 4 inches apart. First 6 Horizontal Wires at Bottom of Fence spaced 1½ inches apart.

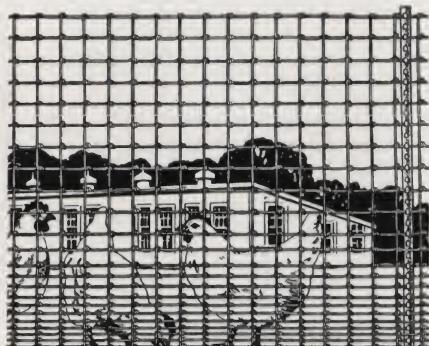
Specification No. 18 (Formerly Banner Junior)

Design No.	No. of Bars	Height in Inches	Price
...	
...	
...	
1936	19	36	
2248	22	48	
2560	25	60	
2872	28	72	

Top and Bottom Wires No. 16; Intermediate and Stay Wires No. 18. Stays 6 inches apart. First 6 Horizontal Wires at Bottom of Fence spaced 1½ inches apart.



Specification No. 17 Close Mesh (Formerly Banner Eclipse)



Design No.	No. of Bars	Height in Inches	Price
1424	14	24	
1736	17	36	
2048	20	48	
2360	23	60	
2672	26	72	

Top and Bottom Wires No. 15; Intermediate and Stay Wires No. 17. Stays 4 inches apart. First 4 Horizontal Wires at Bottom of Fence spaced 1 inch apart.

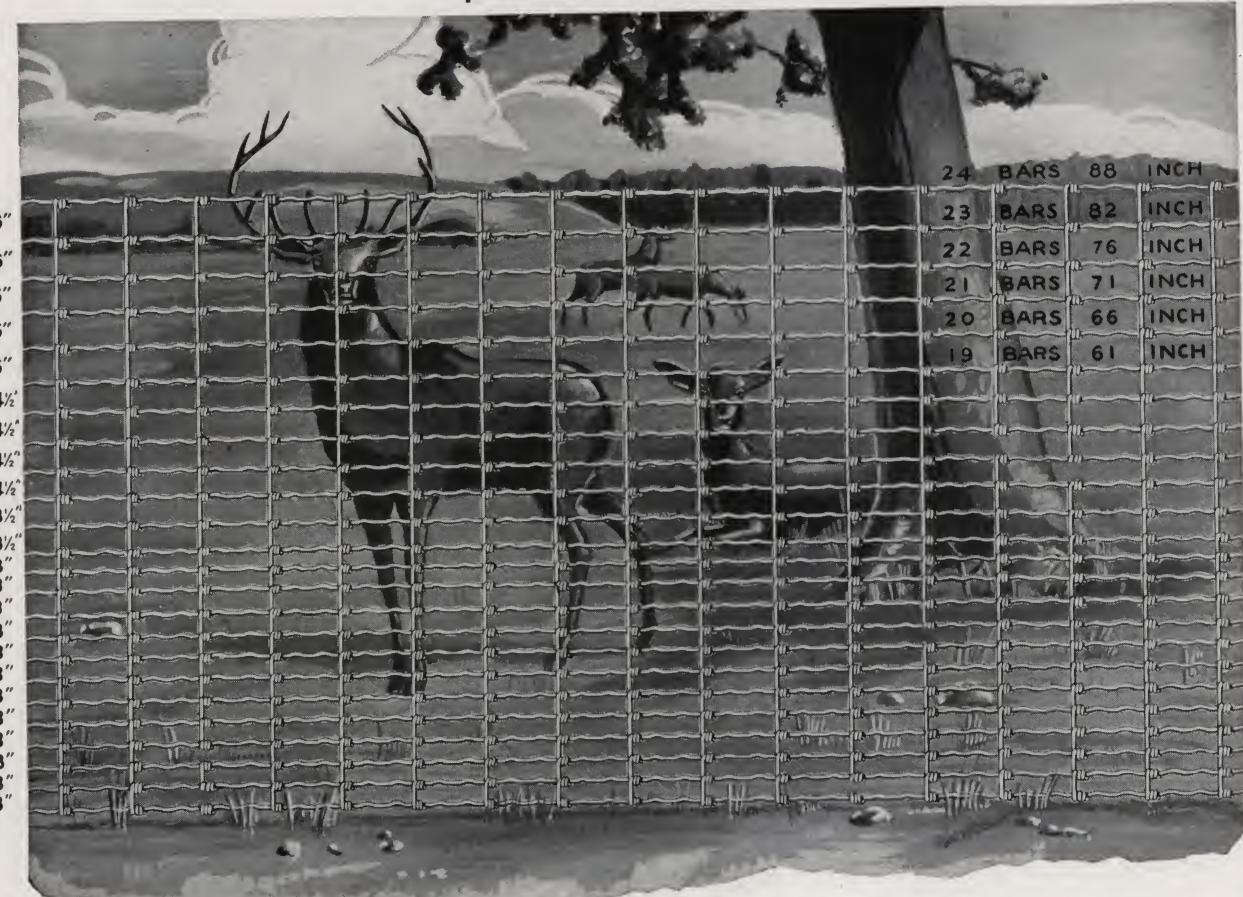


Zinc Insulated

Trade Mark

PARK AND PADDOCK FENCE

Specifications No. 9 Park



Especially designed for enclosing Private Parks, Fair Grounds, Race Tracks, Zoological Gardens, Stockades, Branding Pens, and Manufacturing Plants.

The large and heavily galvanized wires, all of which are the same size, produce a fence that is unequaled for the above purposes.

Made in six heights ranging from 61 to 88 inches as described below.

Gates to match above fence shown in gate section.

*Furnished in 10 and 20-Rod Rolls

Made in Six Heights Listed Below

Stay Wires 6 or 12 Inches Apart

Above designs are made in one weight, with actual size of wires as follows:

Top Wire..... No. 9

Intermediate Wires..... No. 9

Bottom Wire..... No. 9

Stay Wires..... No. 9

*While the use of 20-rod rolls reduces the number of splices, the rolls are extremely heavy, as will be seen from weights shown below.

Made at Pittsburgh, Pa., only

Specifications No. 9 Park

Design No.	Number of Horizontal Bars	Height in Inches	Approximate Weight per Rod in Pounds			
			Stay Wires 12 Inches Apart	Price Per Rod	Stay Wires 6 Inches Apart	Price Per Rod
2488	24	88	36.3		49.3	
2382	23	82	34.6		46.8	
2276	22	76	32.8		44.4	
2171	21	71	31.2		42.1	
2066	20	66	29.6		39.8	
1961	19	61	28.0		37.5	

AMERICAN LAWN FENCE



The American Lawn Fence is made of stiff steel wire pickets of all No. 9½ wire, firmly bound together with lateral cables made up of two strands of No. 13 tough steel wire—all thoroughly galvanized to be proof against weather conditions.

This fence is of the greatest durability and strength, and holds its shape admirably when stretched taut and firmly fastened as all fences should be. The construction is such as to allow a degree of flexibility, which should be taken advantage of in putting it up by stretching it to the utmost. Stretch it until the cables sing. Then firmly fastened to the posts, the fence will retain further elasticity sufficient to take care of contraction and expansion due to cold and heat, without showing the slightest departure from a straight line appearance, so essential for the utility and durability as well as the looks of a fence.

The American Lawn Fence belongs to the class of woven wire fences where grace of fabric is linked with usefulness, strength and lasting qualities. As such it is largely used around lawns, for the fencing of front yards, for flower beds, for division fences between residences, and in the many ways where utility and beauty are to be combined.

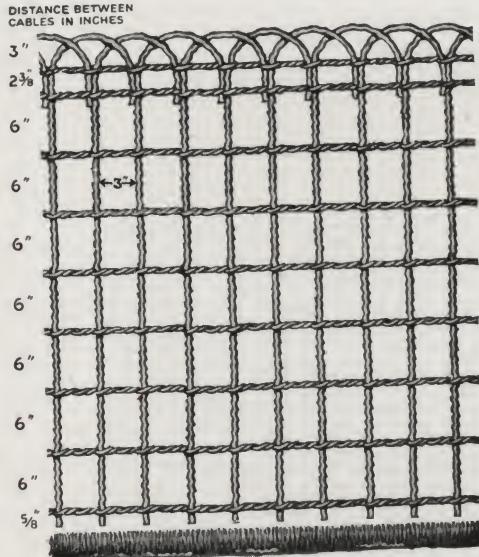
It is furnished in 2 styles: Single Loop design, with pickets spaced 3 inches apart, and Double Loop pattern, with pickets spaced 3 inches apart at the top, and 1½ inches apart at the bottom.

This fence is "non-climbable," which means much to those who desire also to fence against the human tendency to seek a "toe hold" in a fence fabric and climb over. The stout, smooth steel pickets of the American Lawn Fence present no resting place for the toe, and discourage even any attempt at mounting.

American Lawn Gates are made to match the fence, and with handsome American steel fence posts present a frontage of strength and beauty excelled only by the expensive structures of wrought steel.

AMERICAN LAWN FENCE

SINGLE LOOP



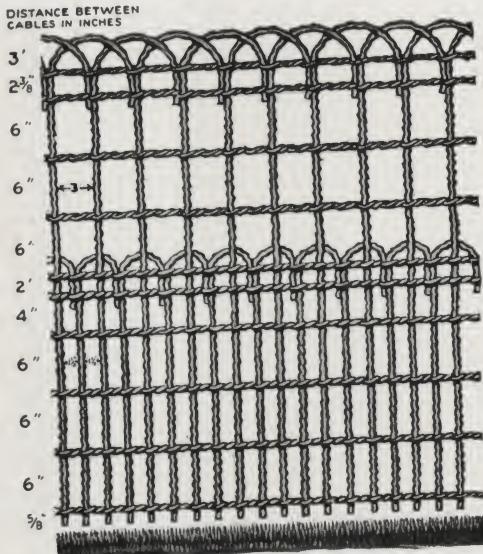
Specification 3-inch S. L.

Pickets, 3 inches apart.

Made in five heights as listed below.

Cables 6 inches apart.

DOUBLE LOOP



Specification D. L.

Pickets, 3 inches apart at top.

Pickets, 1 1/2 inches apart at bottom.

Made in five heights as listed below.

PICKETS:—No. 9 $\frac{1}{2}$ Galvanized
Crimped Steel Wire.....



HORIZONTAL CABLES:—Two
No. 13 Galvanized Steel Wires

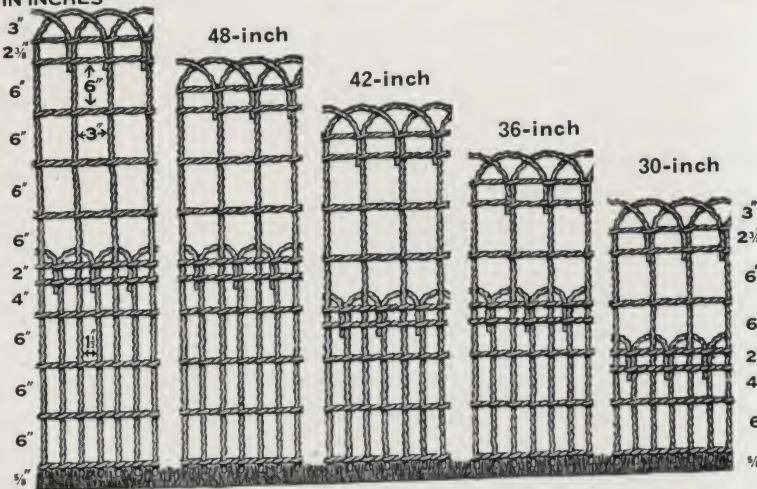


Sizes of Wires as Follows:

DISTANCE
BETWEEN CABLES
IN INCHES

54-inch

Furnished in 165-foot (10-rod) or 330-foot (20-rod) Rolls



This illustration shows position of lower loop in various heights
of double loop fence.

Heights

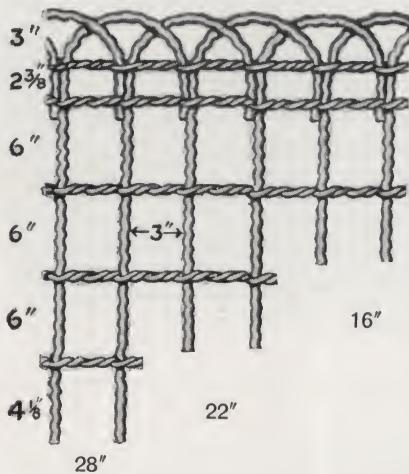
3-In. SINGLE LOOP Specification 3-inch S. L.	Price	DOUBLE LOOP Specification D. L.	Price
Approx. Height in Inches		Approx. Height in Inches	
2"	30	30	
4"	36	36	
6"	42	42	
8"	48	48	
10"	54	54	

AMERICAN FLOWER BED BORDER FENCE



The fabric is of the same design as the single loop lawn fence. It will present a very handsome appearance, and give permanent protection to flowers, vines and other plants along the sidewalk, house or in the center of lawns.

Made of stiff steel wire pickets of No. 9½ wire, firmly bound together with lateral cables made up of two strands of No. 13 wire. All wires thoroughly galvanized to be proof against weather conditions.



Height in Inches	Price
16	
22	
28	

The long ends of the pickets can be easily pushed into the ground and will hold the fence in any position desired.

Furnished in 10 and 20-rod rolls. (There are 165 feet to the 10-rod roll and 330 feet to the 20-rod roll.)

Made in 16", 22" and 28" heights as follows:

- 16" height to extend 12" above ground (3 cables)
- 22" height to extend 18" above ground (4 cables)
- 28" height to extend 24" above ground (5 cables)

Non-Climbable Zinc Insulated DIAMOND LAWN FENCE

Artistic and Durable



Designed for Residences, Fair Grounds, Factories, Parks, Athletic Fields, Race Tracks, Cemeteries, etc.

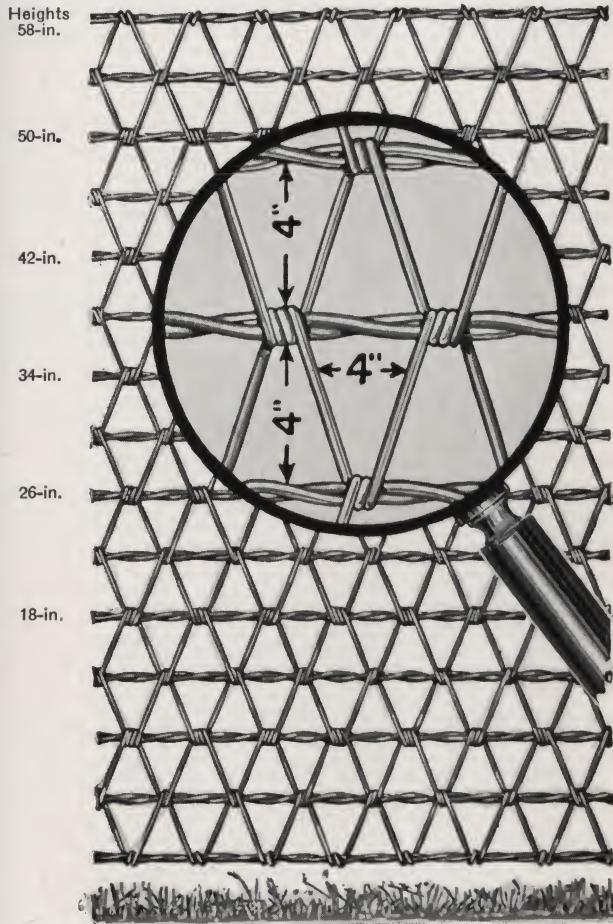
Zinc Insulated Diamond Lawn Fence is always in great demand, owing to the many purposes for which it can be utilized. The triangular truss is the strongest form of construction known. Its diagonal, or cross wires, are so interwoven with the horizontal cables that slipping is impossible. This gives the fence exceptional strength and rigidity. At every second cable the cross wires are wrapped around the cable, thus forming a perfect hinge joint. Under heavy or severe pressure the fence will act just like a hinge, and when the pressure is removed it can be bent back to its original position without injury to the wires.

The 4-inch mesh (Specification F), is especially adapted for Lawns, Gardens, Summer Houses, Grape Arbors, Trellises, Hay-mows, or any general purpose for which a fairly close meshed fabric is required. Actual size of mesh, or opening, is shown on following page.

The 2-inch mesh (Specifications I, J, and K) on account of its close spacing, is NON-CLIMBABLE. The closer spacing also increases the strength and durability of the fabric. Actual size of mesh, or opening, is shown on the following page. These styles are extensively used around Fair Grounds, Golf Links, Race Tracks, Ball Parks, Tennis Courts, School Yards, Factories, Cemeteries, Orchards, and for other similar purposes requiring a heavier fabric.

Diamond Lawn Fence, when erected on our Galvanized Steel Posts, is attractive in appearance and gives the maximum service. Gates to match above fence shown in gate section.

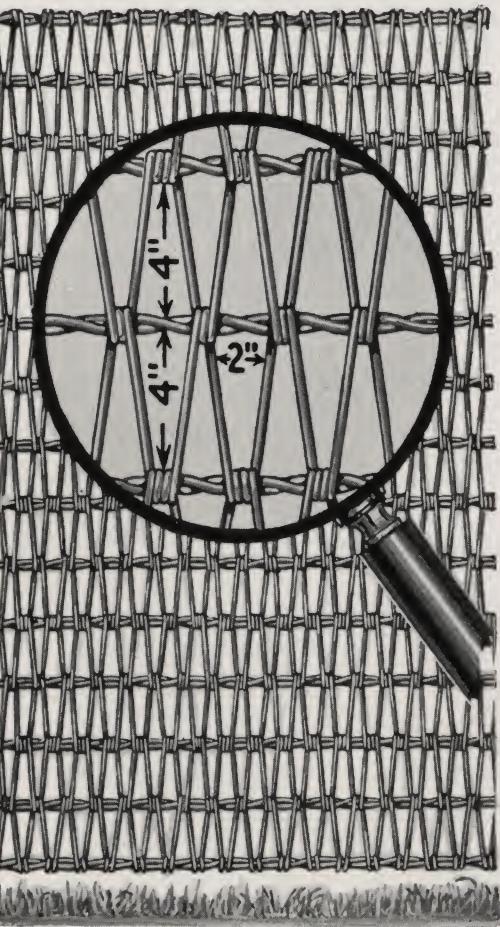
Zinc Insulated DIAMOND LAWN FENCE



4-INCH MESH

Furnished in Specifications F only

Made in Six Heights and Three Styles



2-INCH MESH

Furnished in Specifications I, J, or K

Furnished in 10 and 20-Rod Rolls

Actual size of wires and cables as follows:

Specifications F and I

Horizontal Cables.....	No. 12½	
Cross Wires.....	No. 14	

Specifications J

No. 12½	
No. 12½	

Specifications K

Horizontal Cables.....	No. 12½	
Cross Wires.....	No. 12½	

Heights and Weights

Approximate Height in Inches	Number of Horizontal Cables	Specifications F 2-Strand No. 12½ Cables No. 14 Cross Wires		Specifications I 2-Strand No. 12½ Cables No. 14 Cross Wires		Specifications J 2-Strand No. 12½ Cables No. 12½ Cross Wires		Specifications K 3-Strand No. 12½ Cables No. 12½ Cross Wires	
		Approximate Weight per Rod in Pounds	Price per Rod	Approximate Weight per Rod in Pounds	Price per Rod	Approximate Weight per Rod in Pounds	Price per Rod	Approximate Weight per Rod in Pounds	Price per Rod
58	15	21.6		29.4		38.3		44.6	
50	13	18.7		25.3		32.9		38.4	
42	11	15.7		21.2		27.6		32.2	
34	9	12.7		17.2		22.2		26.0	
26	7	9.7		13.1		16.9		19.8	
18	5	6.8		9.0		11.5		13.6	



AMERICAN GALVANIZED GATES

Tubular Steel Frames

Every farmer today realizes the importance of Gates on the farm. The generous use of Gates saves time and expense in going from one field to another.

Timber is getting scarcer every day and Steel Gates are rapidly replacing wood gates, just as wire fences replaced wood fences years ago.

The ideal Gate must be of sufficient weight to insure maximum strength and rigidity, but at the same time it must not be too heavy for handling. Furthermore, it must be simple in construction and easy to operate.

We have succeeded in producing a Gate embodying all of these features, and at a minimum cost.

All Gates are shipped complete with fittings and first cost is total cost. There is no extra expense for fitting.

Construction

Frame

The Gate frame is made of heavy galvanized New National Steel tubing, made specially for the purpose—no open seams. The corners at the bottom are squared, thus closing the space between the Gate and the Post.

Covering or Filler

Our standard covering is a 2-inch diamond mesh truss formation with lateral wires of Number 10 gauge and cross wires of Number 12½ gauge. Other fabrics can be furnished as you will note from succeeding pages.

Width of Gates

Gates are made to fit openings as given.

Galvanizing

All parts of the Gate, including the fittings, are thoroughly Galvanized by the most improved scientific methods.

Aluminum Painted Gates

Gates with aluminum painted frames can be furnished if desired, but we recommend galvanized frames because they last longer.

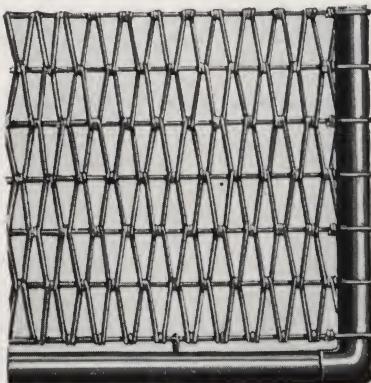
QUALITY FEATURES BUILT INTO AMERICAN TUBULAR STEEL GATES



Tubular Frames

Made of Large New National Tubing.
Strength and Lightness Combined.

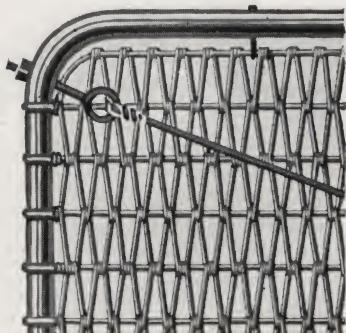
No Open Seams



Square Corners

At the Bottom of All American Gates.

**Closing Space Between
Gate and Posts**

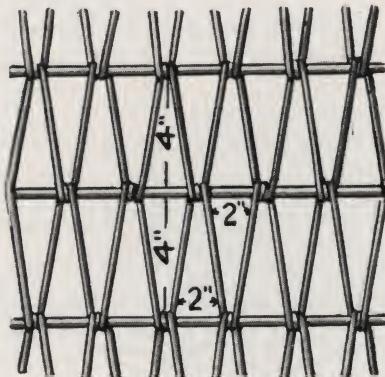


Diagonal Brace Rod

Used in Single Drive and
Park and Paddock Gates.

Gives Additional Support to Frame.

Prevents Sagging

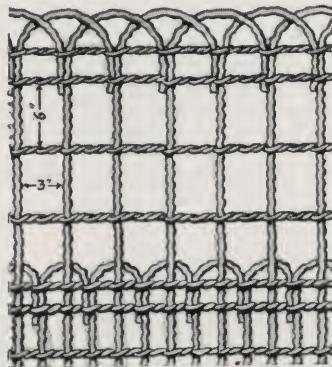


Fabric or Filler

Used in American Walk, Poultry Yard, and
Single Drive Gates.

Lateral Wires No. 10; Cross Wires No. 12½.

Non-Climbable

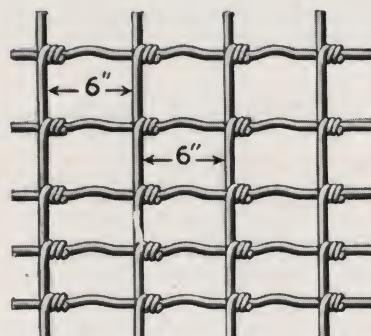


Fabric or Filler

Used in American Lawn Gates.

Horizontal Cables, 2 ply No. 13. Pickets No. 9½ Gauge.

Ornamental and Non-Climbable



Fabric or Filler

Used in American Park and Paddock Gates.

Full Gauge No. 9 Wire Throughout. Heavily Galvanized.

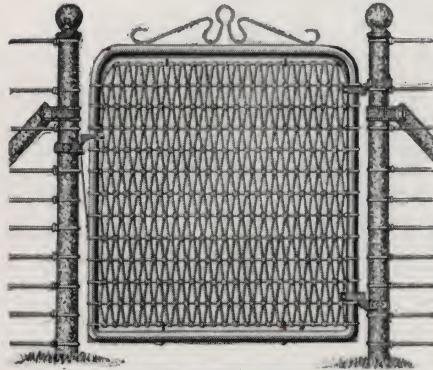
Hog-Tight Spacing

AMERICAN WALK and SINGLE DRIVE GATES

American Walk Gates

PLAIN AND ORNAMENTAL TOP

Furnished with Galvanized or Aluminum Painted, Tubular Steel Frame



Sizes and Weights of American Walk Gates

Width of Opening	Approximate Height of Gate	Approximate Weight Pounds	Price Each
3 feet	42 inches	19	
3 feet	50 inches	21	
3 feet	58 inches	23	
3½ feet	42 inches	21	
3½ feet	50 inches	23	
3½ feet	58 inches	25	
4 feet	42 inches	22	
4 feet	50 inches	24	
4 feet	58 inches	27	

Filled with a 2-inch diamond mesh, heavily galvanized fabric, which is unclimbable.

A neat looking, durable Walk Gate always adds dignity to the appearance of a well kept farm or residence. Furthermore it protects the lawn or garden from the intrusion of smaller animals.

The steadily increasing demand for American Walk Gates (with their closely spaced, diamond mesh "filler"

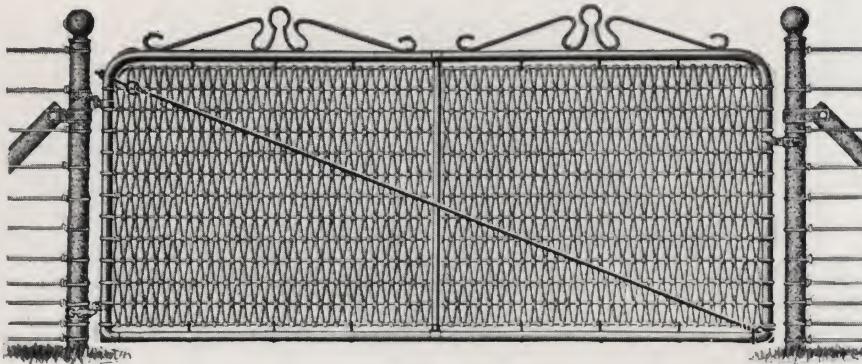
and strong frames) is a proof of their superiority. Their construction prevents children from getting a foothold in the gate and swinging on same.

For use with 6 and 7-foot poultry fence we recommend the higher gate.

American Walk Gates come complete with latches and hinges for either wood or steel posts and are made to fit openings as given above.

American Single Drive Gates

Plain or Ornamental Top



Furnished with Galvanized or Aluminum Painted, Tubular Steel Frames

American Single Drive Gate is a strong, non-climbable, and economical farm gate. Universally recognized for its simplicity and durability. In addition to upright tubular brace, the frame is supported by a diagonal brace rod which keeps it firm and prevents sagging. Two upright braces in 14-foot gates; one brace in 8, 10 and 12-foot gates.

American Single Drive Gates come complete with latches and hinges for either wood or steel posts and are made to fit openings as given below.

Sizes and Weights of American Single Drive Gates

Width of Opening	Approximate Height of Gate	Approximate Weight Pounds	Price Each	Width of Opening	Approximate Height of Gate	Approximate Weight Pounds	Price Each
8 feet	42 inch	53		12 feet	42 inch	65	
8 feet	50 inch	57		12 feet	50 inch	71	
8 feet	58 inch	63		12 feet	58 inch	77	
10 feet	42 inch	56		14 feet	42 inch	73	
10 feet	50 inch	61		14 feet	50 inch	80	
10 feet	58 inch	67		14 feet	58 inch	87	



AMERICAN LAWN, WALK and SINGLE DRIVE GATES

Made with Ornamental Top Only

American Lawn Walk Gates are handsome and durable. They are filled with closely spaced American Lawn Fence double loop fabric.

Especially designed for use in connection with American Lawn Fence. Both Walk and Single Drive Gates furnished in heights 36, 42 and 48 inches. Covered with American Lawn Fence, Double Loop Fabric Pickets $1\frac{1}{2}$ inches apart in bottom section and 3 inches apart in top section.

With the use of our Galvanized Steel Posts the combination makes a most pleasing and efficient entrance-way to a home.

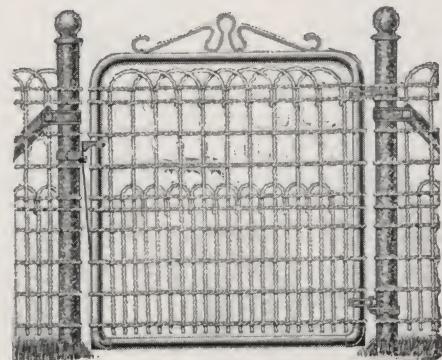
Furnished with Galvanized or Aluminum Painted Frame

American Lawn Gates come complete with latch and hinges for Wood or Steel Posts as desired and are made to fit openings as given below

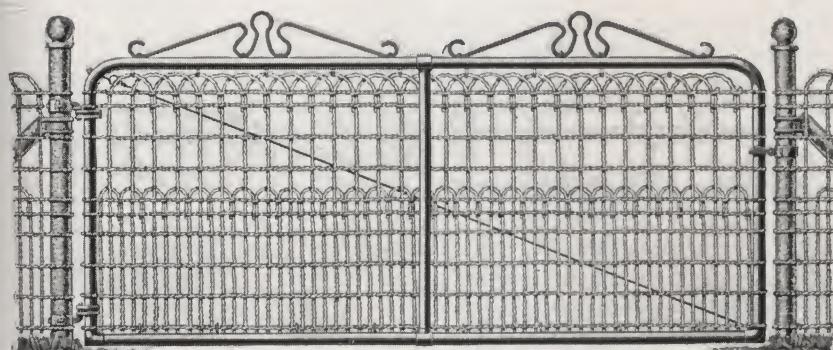
American Lawn Walk Gates

Sizes and Weights

Width of Opening	Approximate Height of Gate	Approximate Weight, Pounds	Price Each
3 feet	36 inch	21	
3 feet	42 inch	22	
3 feet	48 inch	25	
3½ feet	36 inch	24	
3½ feet	42 inch	25	
3½ feet	48 inch	27	



American Lawn Single Drive Gates



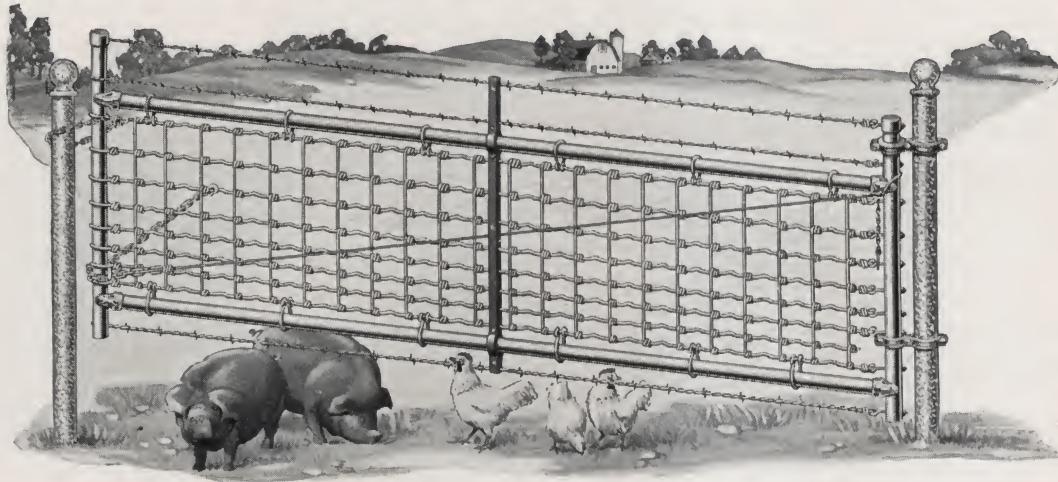
Sizes and Weights

Width of Opening	Height of Gate	Approximate Weight, Pounds	Price Each
10 feet	36 inches	63	
10 feet	42 inches	65	
10 feet	48 inches	72	
12 feet	36 inches	74	
12 feet	42 inches	76	
12 feet	48 inches	84	
14 feet	36 inches	84	
14 feet	42 inches	86	
14 feet	48 inches	95	

Gates furnished with Galvanized or Aluminum Painted Frames.
American Lawn Fence to match shown in fence section.

NEW AMERICAN TILTING GATE

Furnished with Aluminum Painted or Galvanized Frame—Barbed Wire Top and Bottom



Showing Gate Tilted

Made in two heights—50 or 55-inch—and four widths to fit openings 10, 12, 14 or 16 feet wide. The new American Tilting Gate offers the greatest value and most efficient service of any farm gate on the market. It is a combination tilting and lift gate which can be used in four different positions—tilted, raised, tilted and raised, or closed. It can be tilted at one end (23 to 36 inches) so that small stock may rotate from field to field, or the entire gate may be raised 6 inches, to swing clear of snow and ice. It has eleven distinctive features:

FRAME. Made of large new National steel tubing—1.66 inches in diameter—which has no open seams. Same size tubing on all four sides of gate. Heavily galvanized or aluminum painted frame.

BRACE. A strong double channel iron brace in center of gate adds strength to frame. It extends around the top and bottom tubing and holds barbed wire.

FABRIC. The fabric or filler is made from full gauge wire throughout, having No. 9 wires at top and bottom and No. 11 filler wires, all heavily galvanized. Upright or stay wires only 6 inches apart. All No. 9 fabric can be furnished if desired at slight extra expense.

TILTING DEVICE. Does away with heavy lifting. Gate may be raised with one hand to proper angle and locked from either side by slipping a link of chain into the slot (or lock-notch) provided for that purpose.

RAISING DEVICE. The entire gate may be raised about 6 inches to clear snow and ice, by raising the gate in its hinges and placing a steel pin through hole in frame.

TIGHTENING DEVICE. Heavy screw-eye bolts are placed through end bar of gate and attached to each bar wire in fabric or filler. Nuts on bolts permit taking up any slack in fabric, keeping it perfectly tight.

CHAIN LATCH. All gates are furnished with strong galvanized chain latch.

DOUBLE FORK LATCH. Automatic self-locking Fork Latches can be furnished if desired. We offer two styles—one to attach to wood or steel post and another to attach to frame of gate and lock on extra bar fastened to post. When the latter is used gate posts must be set 3 inches farther apart.

HINGES. Gates can be furnished with hinges for wood or American Tubular or Angle Steel Posts. The wood post hinge is a heavy eye bolt with collar, washer and nut. Two furnished with each gate. The Steel Post hinges are heavy galvanized castings.

BARBED WIRE. Two strands at top and one at bottom. Prevents stock from bearing down on top of gate and hogs from rooting under it. Barbed wires can be easily removed if not desired.

ORNAMENTAL TOPS. American Tilting Gates are equipped with ornamental caps over top of end tubes, but the more ornamental Ball Tops can be furnished if desired.

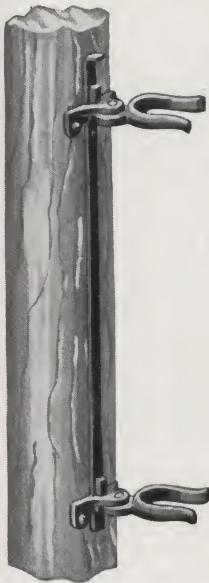
Sizes and Weights—Ask Your Dealer for Prices

Size of Gate	Approximate Height of Gate	Approximate Weight Pounds	Price Each	Size of Gate	Approximate Height of Gate	Approximate Weight Pounds	Price Each
10 ft. 10 ft.	50 in. 55 in.	71 74		14 ft. 14 ft.	50 in. 55 in.	88 91	
12 ft. 12 ft.	50 in. 55 in.	80 82		16 ft. 16 ft.	50 in. 55 in.	97 99	

Hung upon our Galvanized Steel Posts, a combination is secured which insures long and satisfactory service

NEW AMERICAN TILTING GATE LATCHES AND PARTS

Double Fork Latch to attach to wood, 2½-inch Tubular or Angle Steel Post



No. K890 for Wood Post



No. K901 for 2½ inch Steel Post



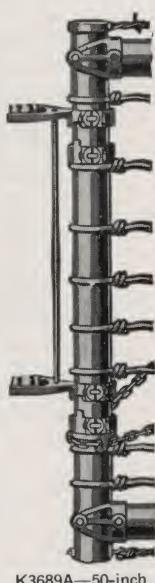
K890-A
2"x2"
K890-B
2½"x2½"
K890-C
2¾"x2¾"



K4265A—50-inch
K4265B—55-inch
Latch Bar and
Hooks for Wood
Post



K3636A—50-inch
K3636B—55-inch
Latch Bar and
Clamps for 2½-
inch Steel Post

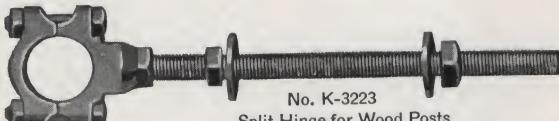


K3689A—50-inch
K3689B—55-inch
Double Fork Latch
Complete, but
without Latch Bar

Tilting Gates, which are regularly equipped with a chain latch, are made to fit 10, 12, 14 and 16 foot openings between posts. Fork Latches to attach to wood or steel posts, styles K890, K890A, K890B or K901, can be used instead of a chain without changing the distance between posts.

When using Fork Latches, styles K3689 A or B which fasten on gate frame, set posts 3 inches farther apart than for chain latch to provide space for latch bar.

Made in two heights—50 or 55-inch—and four widths to fit openings 10, 12, 14 or 16 feet wide. The new American Tilting Gate offers the greatest value and most efficient service of any farm gate on the market. It is a combination tilting and lift gate which can be used in four different positions—tilted, raised, tilted and raised, or closed. It can be tilted at one end (23 to 36 inches) so that small stock may rotate from field to field, or the entire gate may be raised 6 inches, to swing clear of snow and ice. It has eleven distinctive features:



No. K-3223
Split Hinge for Wood Posts

This split hinge can be used as a repair part to replace eye bolt hinge No. K-77A. Head comes apart so it can be attached without removing wires, etc.



Eye Bolt Hinge as furnished with Tilting Gates for wood posts.



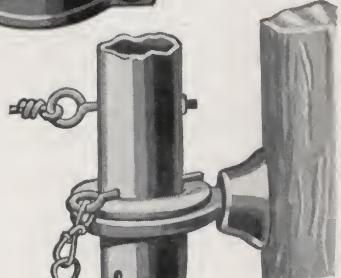
K3122 Hinge for 2½-
inch American Tubular
Steel Posts



K384
Malleable Iron Cap is regu-
larly furnished.

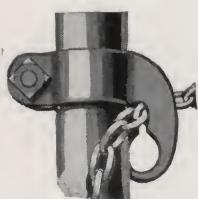
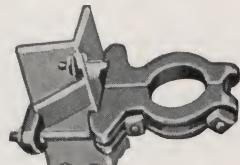


Washer Used Over Top Hinge
Under Pin K240-C



Raising Device Showing Washer and Pin
Over Hinge

Tilting Gate Hinge for Orange or Green Con-
crete Set or National Dirt Set Angle Posts
K3901—for 2"x2" Angles Posts
K3974—for 2½"x2½" or 2¾"x2¾" Angles—
Posts.



Lock-Notch for Tilting
Chain No. K-234

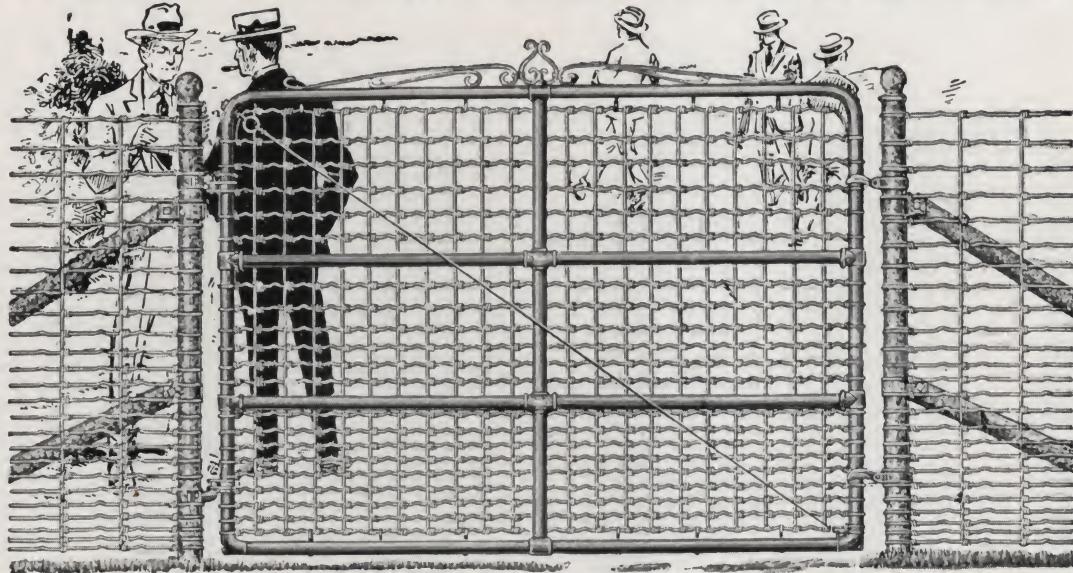


Pin and 7" Chain
Which Holds Gate in
Raised Position
K240-A



Ornamental Ball Top for
Tilting Gates
K237

AMERICAN PARK AND PADDOCK GATE



Made with Ornamental Top Only

Furnished with Galvanized or Aluminum Painted, Tubular Steel Frame

Especially adapted for use in connection with Park and Paddock Fence around Private Parks, Zoological Gardens, and Fair Grounds, where a gate of extra height, strength, and durability is required.

These gates are made in three widths and six popular heights.

Frames are made of large closed tubing and are braced with strong tubular braces—two horizontal and one vertical. In addition, the diagonal brace rod supports the frame and prevents sagging.

The filler is a heavy, square-mesh fabric, with stays 6 inches apart, all wires being No. 9 gauge and heavily galvanized.

American Park and Paddock Gates come complete with latches and hinges for either wood or steel posts and are made to fit openings as given.

Filled with a heavily galvanized all No. 9 square-mesh fabric. Stay wires 6 inches apart.

Sizes and Weights

Width of Opening	Height of Gate	Approximate Weight, Pounds	Price Each
10 ft.	65 in.	114	
10 ft.	70 in.	117	
10 ft.	75 in.	120	
10 ft.	80 in.	123	
10 ft.	86 in.	127	
10 ft.	92 in.	130	
12 ft.	65 in.	131	
12 ft.	70 in.	134	
12 ft.	75 in.	137	
12 ft.	80 in.	140	
12 ft.	86 in.	144	
12 ft.	92 in.	148	
14 ft.	65 in.	147	
14 ft.	70 in.	151	
14 ft.	75 in.	154	
14 ft.	80 in.	158	
14 ft.	86 in.	162	
14 ft.	92 in.	165	

American Poultry Yard Gate

Furnished with Galvanized or Aluminum Painted, Tubular Steel Frame

Filled with a 2-inch diamond mesh, heavily galvanized fabric, which is non-climbable.

This gate with its close mesh fabric and strong horizontal brace, serves as an ideal barrier to fowl—large and small. Also facilitates entrance to a poultry yard.

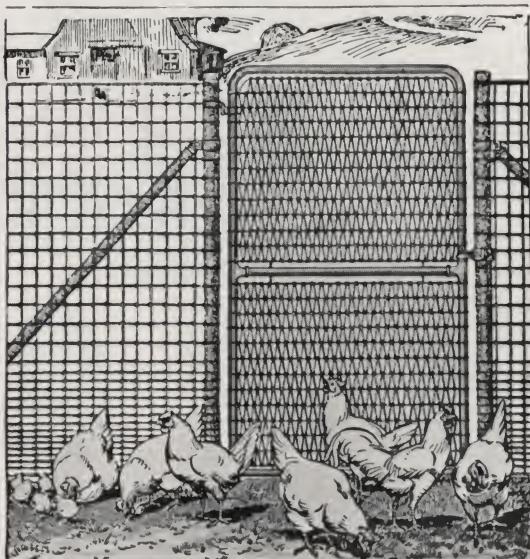
It is principally used with 72 and 84-inch fence.

American Poultry Yard Gates come complete with latches and hinges for either wood or steel posts and are made to fit openings as given below.

Sizes and Weights

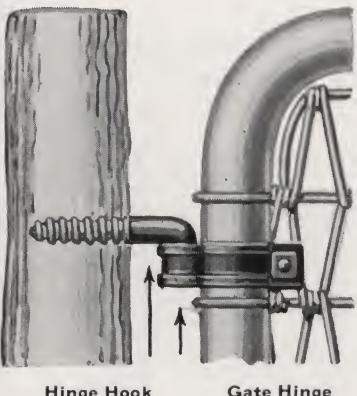
Width of Opening	Approximate Height of Gate	Approximate Weight, Pounds	Price Each
3 ft.	72 in.	32	
3 ft.	84 in.	35	

Ask Your Dealer for Prices



WOOD POST FIXTURES

Hinge Screw Hooks for Wood Posts



Hinge Hook

Gate Hinge



K109—5" long. Drill $\frac{1}{2}$ " hole.

K109—Top or bottom hook for Walk and Poultry Yard Gates.



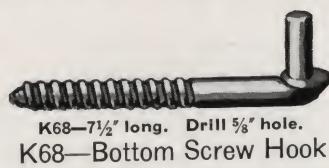
K68—7 $\frac{1}{2}$ " long. Drill $\frac{5}{8}$ " hole.

K68—Top or bottom hook for Single Drive Gates.

Wood Post Hinge Hook and Bolt for Park and Paddock Gates

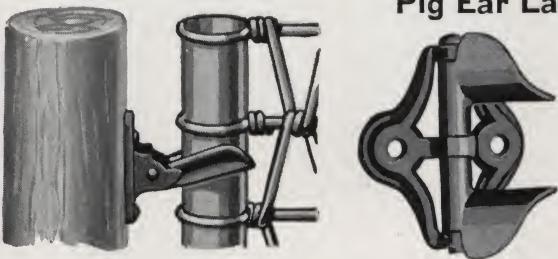


K199—Top Hinge Bolt $\frac{5}{8}$ " x 12



K68—7 $\frac{1}{2}$ " long. Drill $\frac{5}{8}$ " hole.
K68—Bottom Screw Hook

Pig Ear Latch for Wood Posts

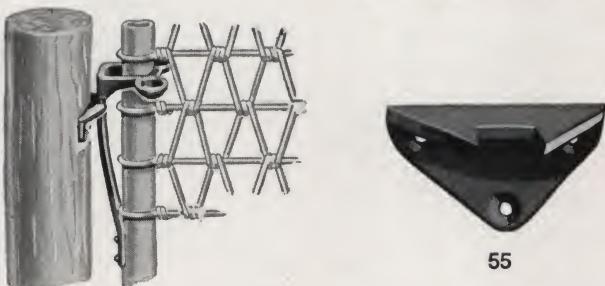


K8586—For Single Drive Gates. (Can also be used with Walk Gates.)

K8412—For Park and Paddock Gates.

Spring Latch Catch for Wood Posts

For Walk and Poultry Yard Gates

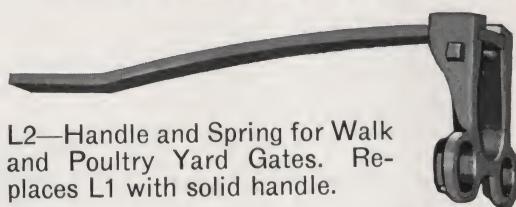


55—Spring Latch Catch for Wood Posts.

55

NOTE—Bottom Hinge Collar or Hinge Hook should be set with pin up to carry gate. Top Hinge Collar, or Hinge Hook is usually set with pin down as illustrated above to prevent gate from being lifted off.

SPRING LATCH FOR WALK, POULTRY YARD GATES



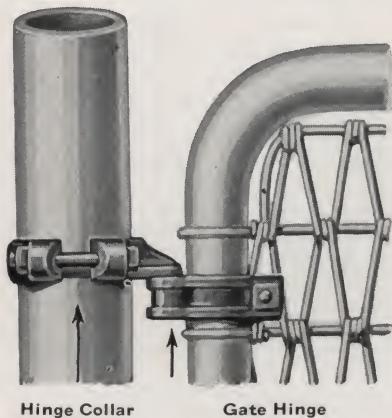
L2—Handle and Spring for Walk and Poultry Yard Gates. Replaces L1 with solid handle.



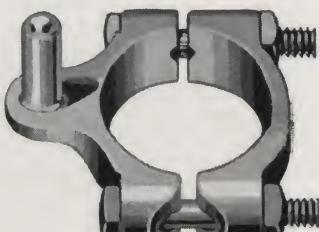
14B

Spring Latch Handle replaces Solid Handle No. 14

ROUND POST FIXTURES

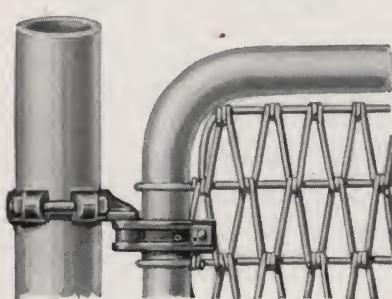


Hinge Collar for 2½" Diameter American Galvanized Tubular Steel Post



K3145

Top or bottom hinge collar for Walk, Poultry Yard, Single Drive and Park and Paddock Gates. For 2½" Tubular Steel Post.

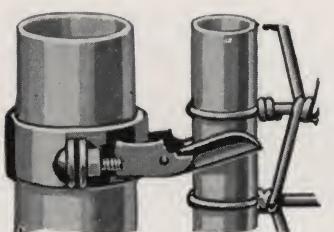


Hinge Collar for 1¾" Diameter Junior Tubular Steel Post



K3823

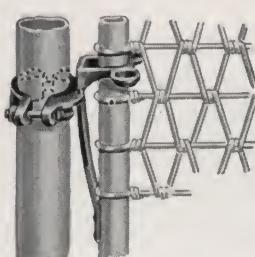
Top or bottom hinge collar for Walk and Poultry Yard Gates. For Junior Posts.



Pig Ear Latch for American 2½" Tubular Steel Posts

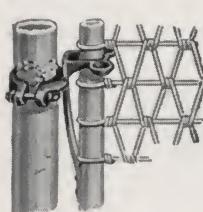
K7156—For Single Drive Gates. (Can also be used with Walk Gates).

K7112—For Park and Paddock Gates.



Spring Latch Catch for American 2½" Tubular Steel Posts

C104—Spring Latch Collar for 2½" American Tubular Steel Posts.



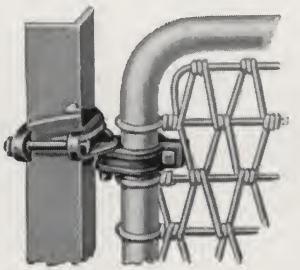
Spring Latch Catch for 1¾" Junior Tubular Steel Posts

K3856—Spring Latch Catch for 1¾" Junior Tubular Steel Post.

NOTE—Bottom Hinge Collar or Hinge Hook should be set with pin up to carry gate. Top Hinge Collar, or Hinge Hook is usually set with pin down as illustrated above to prevent gate from being lifted off.

ANGLE POST FIXTURES

Hinge Collar for Concrete Set and National Dirt Set Angle Gate Posts



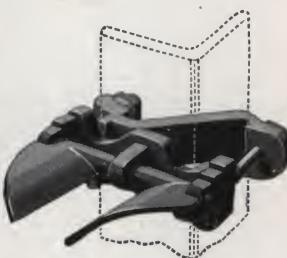
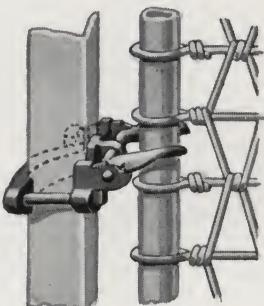
K3909—K3934

Top or bottom Hinge Collar for Walk, Poultry Yard, Single Drive and Park and Paddock Gates.

K3909—For 2"x2"x $\frac{1}{4}$ " Angle Posts.

K3934—For 2 $\frac{1}{2}$ "x2 $\frac{1}{2}$ " or 2 $\frac{3}{4}$ "x2 $\frac{3}{4}$ " Angle Posts.

Pig Ear Latch for Concrete Set and National Dirt Set Angle Steel Posts



For 2"x2" Angle Posts.

K3907A—For Single Drive Gates. (Can also be used with Walk Gates.)

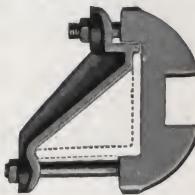
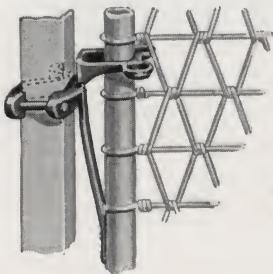
K3907B—For Park and Paddock Gates.

For 2 $\frac{1}{2}$ "x2 $\frac{1}{2}$ " and 2 $\frac{3}{4}$ "x2 $\frac{3}{4}$ " Angle Posts.

K3964A—For Single Drive Gates. (Can also be used with Walk Gates.)

K3964B—For Park and Paddock Gates.

Spring Latch Catch for Angle Steel Posts



K3908
K3954

K3908—Spring Latch Collar for 2"x2"x $\frac{1}{4}$ " Angle Steel Post.

K3954—Spring Latch Collar for 2 $\frac{1}{2}$ "x2 $\frac{1}{2}$ "x $\frac{3}{16}$ " or $\frac{1}{4}$ " and 2 $\frac{3}{4}$ "x2 $\frac{3}{4}$ "x $\frac{5}{16}$ " Angle Steel Posts.

NOTE—Bottom Hinge Collar or Hinge Hook should be set with pin up to carry gate. Top Hinge Collar, or Hinge Hook is usually set with pin down as illustrated above to prevent gate from being lifted off.

SPLIT HINGES TO REPLACE SOLID GATE HINGES



K1088—For Walk and Poultry Yard Gates.

Replaces Solid Hinge K102.



K1711—For Single Drive Gates. Replaces Solid Hinge K224.

L66—For Park and Paddock Gates. Replaces Solid Hinge K217.

Brace Clamps



For Horizontal Brace Pipe

K1033—For Poultry Yard Gates.

L88—For Park and Paddock Gates.



For Upright Brace Pipe

K1322—For Single Drive Gates.

K1422—For Park and Paddock Gates.



Zinc Insulated

AMERICAN STEEL CORN CRIBS

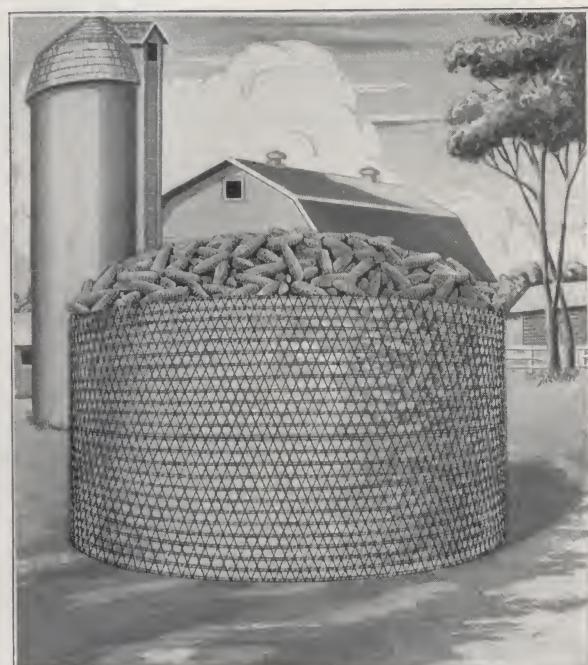
Furnished in Two Sizes

No. 50 Contains One Piece or Section

No. 75 Contains Two Pieces Put Up in One Roll



No. 50—One Section



No. 75—Two Sections

Made of Zinc Insulated, Diamond Mesh Wire Fabric. Horizontal Cables, 4 inches apart, and made of 2-Strand No. 12½ Zinc Insulated Wire. Cross Wires, 2 inches apart, No. 14 Zinc Insulated Wire

Crib No. 50

Put up and shipped in rolls containing one piece or section. See illustration below. By using two No. 50 Cribs, one above the other, an approximate capacity of 800 bushels is secured. This would also make the height when set up, 8 feet 4 inches.

Crib No. 75

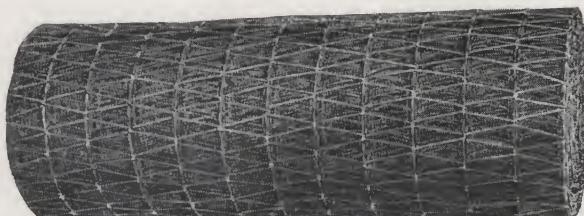
Put up and shipped in rolls each containing two pieces or sections. See illustration below.

Sizes and Weights

Crib No.	No. Pieces or Sections When Shipped	Height When Set Up Ft. In.	Approx. Diameter When Set Up Ft. In.	Approx. Capacity Ear Corn Bushels	Approx. Weight Per Crib Pounds	Price per Crib
50	1	4 2	15 6	400	77	
75	2	8 4	11 8	400	117	

Several Important Reasons Why American Steel Corn Cribs are Superior to Wooden Cribs

- Easy to build and easy to move.
- Last longer, being made entirely of zinc insulated steel.
- Fireproof and not subject to decay.
- Do not hold moisture.
- Provide for thorough ventilation.
- Do not shelter vermin or rodents.
- Stronger and more durable than wood or any combination of wood and wire.
- Inexpensive—in fact, cost less than wood or other inferior cribbing.
- Two-inch mesh provides close spacing.
- Can be used as a chicken or yard fence when not in use as a crib.



American Steel Corn Crib Ready for Shipment

Zinc Insulated Trade Mark

AMERICAN STEEL CORN CRIBBING

Made of Zinc Insulated, Diamond Mesh, Wire Fabric. Horizontal Cables, 4 inches apart, and made of 2-Strand No. 12½ Zinc Insulated Wire. Cross Wires, 2 inches apart, No. 14 Zinc Insulated Wire.

Made in Six Heights. Furnished in 10, 20 and 30-Rod Rolls.



Put up in rolls containing 10, 20 or 30 rods each, which can be cut up into different lengths according to the manner in which it is to be used. Especially adapted for permanent cribs where it is desirable to cover a wooden framework with a wire fabric.

A 30-rod roll of Corn Cribbing can be cut up, without waste, into five cribs of an approximate capacity of 700 or 800 bushels each. Six rods of 50 or 58-inch fabric being required for each crib. It is cheaper than wood and more durable.

Heights and Weights

Approx. Height in Inches	Size of Mesh in Inches	Approximate Weight Per Rod in Pounds	Price Per Rod
58	2x4	29.5	
50	2x4	25.4	
42	2x4	21.4	
34	2x4	17.3	
26	2x4	13.2	
18	2x4	9.2	

American Steel Corn Cribbing

Cheaper than Wood

Better Ventilation

Zinc Insulated Trade Mark

PRairie CORN CRIBS

Square Mesh, 2x4 inch, Stiff Stay, Staple Tie Construction
No. 50 Crib Contains One Piece or Section

No. 75 Crib Contains Two Pieces Put Up in One Roll

Prairie Corn Cribs offer a convenient and economical way to store ear corn. They are put up in compact rolls which are easy to handle and can be stored in a very small space until needed. They can be easily and quickly erected—just open a roll, bring the ends together and splice the horizontal wires. When empty, the cribs can be taken down, rolled up and stored for the next season, or used as fencing around the farm.

Prairie Cribs are made in two weights—heavy and light, the heavy cribs having larger wires. The stiff stay, staple tie construction is used in all Prairie Corn Cribs. The spacing between horizontal and stay wires is the same in all styles. The horizontal wires are 4" apart, and the upright or stay wires 2" apart, making a square mesh fabric with 2" x 4" openings.

The No. 50 crib is made in one section and will make a crib 4' high x 15'6" in diameter. (By using two No. 50 cribs, one above the other, an approximate capacity of 800 bushels is secured, making a crib 8' high.)

The No. 75 crib is made in two sections, one section to be placed above the other, making a narrower but higher crib, or 11'8" in diameter x 8' high, having 400 bushels capacity the same as No. 50 crib. The two sections are shipped together in one roll.

When using two sections, it is advisable to fill the lower section first and then attach the second section, fastening it to the bottom section with wire or "hog rings."

All wires used in Prairie Cribs are zinc insulated—insulated against rust with a heavy, uniform coating of galvanizing.

Heavy

Specifications

Light

Top Wire.....	No. 10	Top Wire.....	No. 12½
Bottom Wire.....	No. 10	Bottom Wire.....	No. 12½
Intermediate Wires.....	No. 12½	Intermediate Wires.....	No. 14
Stay Wires.....	No. 12½	Stay Wires.....	No. 14

Upright wires or stays, spaced 2 inches apart.

Horizontal wires, 4 inches apart.

Top Wire.....	No. 12½
Bottom Wire.....	No. 12½
Intermediate Wires.....	No. 14
Stay Wires.....	No. 14

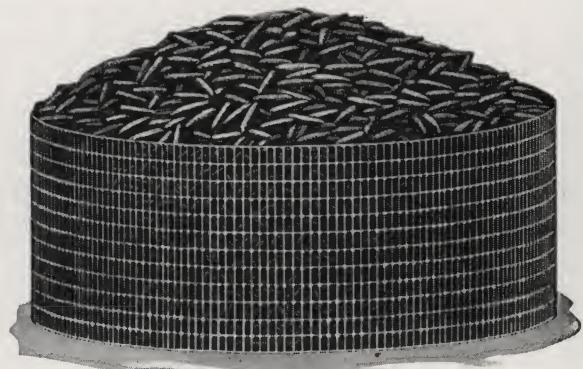
Upright wires or stays, spaced 2 inches apart.

Horizontal wires, 4 inches apart.

A large sign is placed in every Prairie Crib. It is placed there for your protection. It shows the Name, Heavy or Light and the actual size of wire used.

Sizes and Weights

Crib No.	Style	No. Pieces or Sections	Height When Set Up Ft.	Approximate Diameter When Set Up In.	Approximate Capacity Ear Corn Bushels	Approximate Weight Per Crib Pounds	Price Per Crib
50 P.H.	Heavy	1	4	15 6	400	58	
75 P.H.	Heavy	2	8	11 8	400	86	
50 P.L.	Light	1	4	15 6	400	40	
75 P.L.	Light	2	8	11 8	400	60	



AMERICAN GALVANIZED TUBULAR FENCE POSTS

Offer Strength and Long Life

All American Posts are heavily galvanized inside and out, after forming, with an extra heavy coat below the ground line. There are no exposed edges where rust may gain a start.

By the use of Driving Cap, Line Posts can be driven in any soil—no labor or expense in digging post holes.

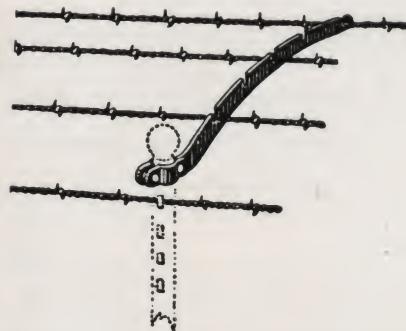
The means of fastening fencing on posts is on the post itself—no staples to buy.

The expansion of the base of post in driving provides self-anchorage.

Specifications and Weights

Length in Feet	Gauge	Top and Bottom Diameter in Inches	Approx. Weight per Post, Pounds	Price Each
5	No. 14½	1 3/4	7.0	
6	No. 14½	1 3/4	8.4	
6½	No. 14½	1 3/4	9.1	
7	No. 14½	1 3/4	9.8	
7½	No. 14½	1 3/4	10.5	
8	No. 14½	1 3/4	11.2	
9	No. 13½	1 3/4	15.2	
10	No. 13½	1 3/4	16.7	
11	No. 13½	1 3/4	18.3	

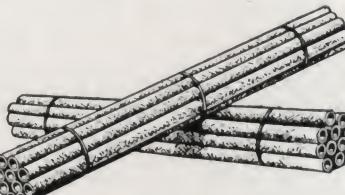
American Posts Packed 10 to a Bundle



No. K-30

Galvanized American Line Post Extension Arm. 12 inches long. Wt., 1 lb. 10 oz. (Longer arms for 18" or 24" netting can also be furnished.)

Price ea.....



Line Posts Ready for Shipment

10 to a Bundle

American Posts are Heavily Galvanized



No. K-268

Ornamental Top for Line Post. Wt., 1 lb.
Price ea.....



No. K-269

Driving Cap.
Wt., 3 lbs., 3 oz.
Price ea.....



Illustration Actual Size

Showing Method of Fastening Fence

For Woven Wire Fence, Barb Wire and Plain Wire, No Staples required. Tongues are spaced 1 1/2 inches apart.

WHEN
DRIVING
POST,
USE
DRIVING
CAP

ORANGE BANNER STEEL FENCE POSTS

Orange Banner Fence Posts are made from steel which is exactly right for the purpose. Built like a railroad rail—one of the strongest forms of fence post construction known, it offers great strength in all directions.

Orange Banner Posts are supplied with a slit wing anchor that roots the post into the ground as it is driven. The soil is packed tightly against the sides of the post, thus providing immediate anchorage.

Frequent notches on the face of the post make it possible to fasten any or every line wire with special clamps which are easily attached. No staples to buy.

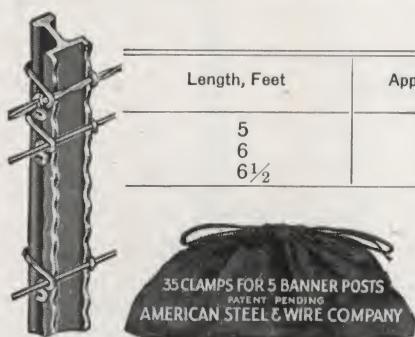
Seven clamps furnished free with each post.

A heavy coat of Special Steel Orange color paint, which is baked on, provides protection against rust, adds to the durability and attractiveness of the post. Galvanized Banner Fence Posts can also be supplied.

Sizes and Weights

Length, Feet	Approximate Weight Each in Lbs.	Price Each	Length, Feet	Approximate Weight Each in Lbs.	Price Each
5	7.32		7	9.98	
6	8.65		7½	10.65	
6½	9.32		8	11.31	

Banner Posts are Packed 5 to a Bundle



Seven clamps furnished free with each post.



National Driver For Banner Posts

Banner posts can be easily driven with an ordinary steel sledge or our Post Driver. With the Driver a man, without extra help, can easily set many posts in a day in perfect alignment.

Weight of Driver, 17 lbs. Price.....

A MAN OR BOY CAN SET POSTS WITHOUT HELP



Extension Arms

Barbed Wire Extension Arms, painted or galvanized, can be furnished for Banner Posts. They are 12 inches long and punched with 5 notches, to carry three or four strands of barbed wire. Longer arms for netting can also be supplied.

Style, "Special No. 3" is designed to be bolted to the side of post punched for the purpose.

Approx. Weight 1 lb. 5 oz.

Style, "K-56" is equipped with a clamp and set screw and can be attached to Banner Posts in stock or fields. Approx. Weight 2 lbs.

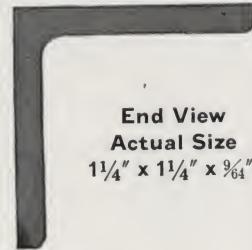
K-56 Special No. 3 Price each.....

DESIGN
PATENTED



ORANGE ANGLE STEEL FENCE LINE POSTS

Orange Angle Steel Posts have been designed for general farm use where a light weight post is desired. They are easy to handle, easy to drive, strong and serviceable. Steel Posts afford lightning protection as every steel post grounds the fence line. These posts are rolled in our own mills from specially selected steel. The section is $1\frac{1}{4}'' \times 1\frac{1}{4}'' \times \frac{3}{64}$ ". One side of the angle is punched with holes $\frac{3}{16}$ " wide by $\frac{5}{8}$ " high, spaced 2" centers. Fence or barbed wire can be easily attached with ordinary No. 9, $1\frac{1}{4}$ " or $1\frac{1}{2}$ " fence staples. They are painted Orange and the paint is baked on under high temperature.



End View
Actual Size
 $1\frac{1}{4}'' \times 1\frac{1}{4}'' \times \frac{3}{64}$ "

Orange Angle Line Posts are equipped with our patented slit-wing anchor plate, size $3\frac{1}{4}'' \times 9\frac{1}{4}''$. The Anchor is firmly riveted lengthwise to the post, giving greater stability in the ground. The Slit Wings, in the anchor plate, pack the soil against the sides and behind the post, affording still greater anchorage.

SIZES AND WEIGHTS

Length, Feet	Approximate Weight Each in Lbs.	Price, Each
5	6.20	
6	7.32	
$6\frac{1}{2}$	7.88	
7	8.44	
$7\frac{1}{2}$	9.00	
8	9.56	

Orange Angle Line Posts are Packed 5 to a Bundle

Method of Fastening Fence or Barbed Wire to Orange Angle Fence Posts

Orange Angle Line Posts are punched on one side of the angle with holes $\frac{3}{16}$ " x $\frac{5}{8}$ " spaced 2" centers. Fence or Barbed Wire can be easily attached with an ordinary No. 9, $1\frac{1}{4}$ " or $1\frac{1}{2}$ " fence staple. Staple is placed over the wire and pushed through the slot and clinched, as shown in illustration at right, with hammer or pliers. No special tool needed.





AMERICAN GALVANIZED TUBULAR STEEL END, GATE AND CORNER POSTS

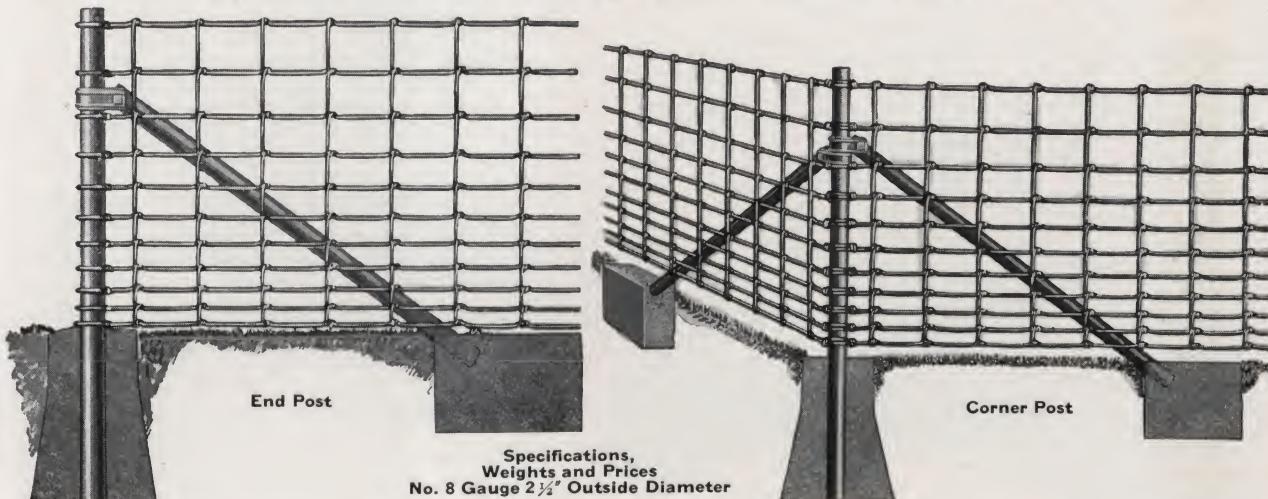
No. 8 Gauge 2½" Outside Diameter

The American Galvanized Fence Post is STRONGER, HEAVIER—bigger and better in every way.

The galvanizing is done after the post is formed, ensuring a heavy protective covering inside and out, with an EXTRA HEAVY COAT below the ground line.

Our post has given excellent service for over 20 years and from all appearances will last many years longer. Zinc, which is used for Galvanizing, is the only metal that WILL NOT rust.

American posts are made from No. 8 gauge metal and are 2½ inches in diameter.



**Specifications,
Weights and Prices
No. 8 Gauge 2½" Outside Diameter**

Length	Gauge	Diameter in Inches Top and Bottom	Approximate Weight in Pounds			
			End Post	Price Each	Corner Post	Price Each
6.....	8	2½	46.0		64.9	
7.....	8	2½	48.3		67.7	
7½.....	8	2½	51.9		72.7	
8.....	8	2½	54.5		75.9	
9.....	8	2½	62.1		86.7	
*10.....	8	2½	96.1		151.4	
*11.....	8	2½	100.3		155.6	

*10 and 11 foot End Posts are furnished with two braces, Corner Posts are furnished with four braces. Ornamental Ball Tops and Barbed Wire Extension Arms can be furnished for End or Corner Posts.

Junior Galvanized Tubular Steel End and Corner Posts

No. 13½ Gauge, 1¾" Outside Diameter

These posts are similar to the heavy American Post described above, being tubular shape and galvanized inside and outside after forming. Especially designed for use with poultry fencing or short stretches of lawn fence. Posts are designed to be set in cement.

Braces are adjustable. All lengths of end posts furnished with one brace and all lengths of corner posts furnished with two braces. Additional braces can be supplied for the 10 and 11 foot posts, if desired at a slight extra cost.

Sizes and Weights

Length	Gauge	Approximate Weight in Pounds			
		End Posts	Price, Each	Corner Posts	Price, Each
6 ft.....	13½	20.1		30.1	
7 ft.....	13½	23.5		35.1	
8 ft.....	13½	26.9		40.2	
9 ft.....	13½	30.3		45.2	
10 ft.....	13½	33.6		50.2	
11 ft.....	13½	35.3		51.9	

Ornamental ball tops can be supplied if desired, as well as barbed wire extension arms.

NATIONAL (Dirt Set) EXPANDING ANCHOR ANGLE STEEL END AND CORNER POST

Painted Orange

Angle Steel, Made in 3 Weights as Listed Below

National Expanding Anchor, Dirt Set End or Corner Post represents a new principle in post construction. It does away with the digging of large holes. Posts can be set in 20 minutes without the use of concrete, and fencing can be stretched at once.

These posts are equipped with patented folding anchor. With the anchor folded the post can be dropped into a 8" auger hole and with the aid of a brace, the post can be turned clockwise, expanding the anchor plates, pushing them out into the undisturbed soil, which gives the post unusual holding power.

After the post has been set in the hole and the anchor expanded, the hole should be filled and carefully tamped. After tamping, brace rod can be attached, on the end of which is a large plate, which can be driven with a sledge into undisturbed soil.

Posts have rounded corners to prevent fence wires from being cut when stretched.

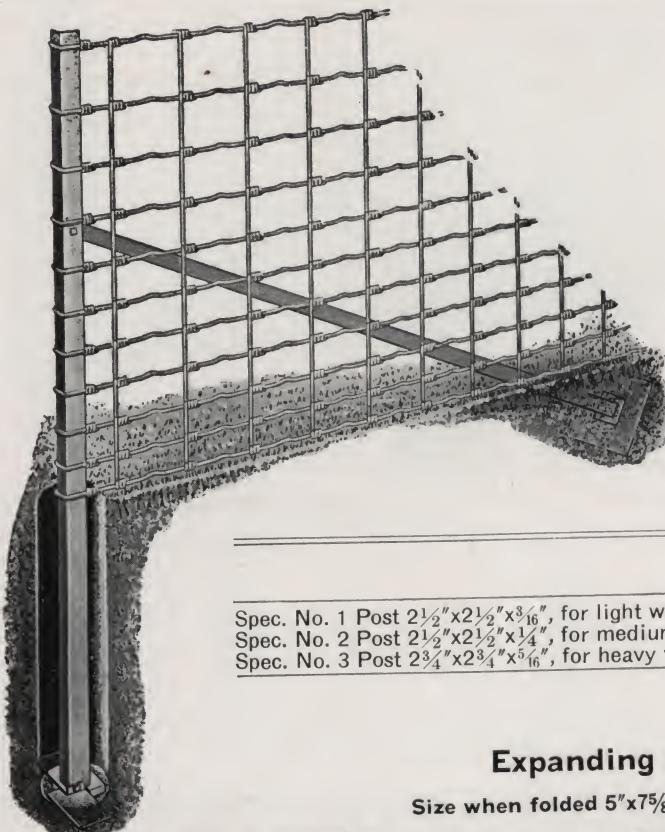
Posts are punched with brace holes on both sides of angle so that brace can be attached for either right or left hand stretch.

This is a new post which will appeal to the fence builder, who is in a hurry to complete the job—no cement, water or gravel required. Posts can be set in 20 min.

End posts furnished with one brace and brace plate, corner posts furnished with two braces and brace plates.

Painted Orange.

Furnished in one length only—8 ft., but in three weights as listed below:



	Price End Post	Price Corner Post
Spec. No. 1 Post $2\frac{1}{2}'' \times 2\frac{1}{2}'' \times \frac{3}{16}''$, for light weight fencing.....		
Spec. No. 2 Post $2\frac{1}{2}'' \times 2\frac{1}{2}'' \times \frac{1}{4}''$, for medium weight fencing.....		
Spec. No. 3 Post $2\frac{3}{4}'' \times 2\frac{3}{4}'' \times \frac{5}{16}''$, for heavy weight fencing.....		

Expanding Anchor

Size when folded $5'' \times 7\frac{5}{8}''$ diagonally $9\frac{1}{2}''$

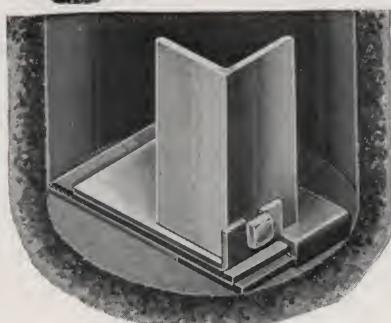


Figure 1
Showing folded anchor in bottom of
hole, hole 37" deep.

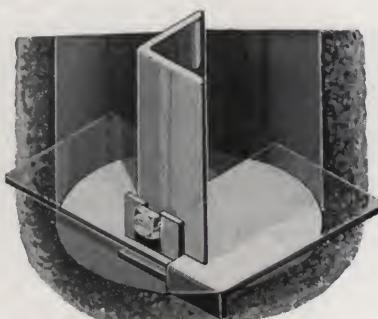


Figure 2
Expanding anchor partly
opened and cutting into solid
earth by turning post.

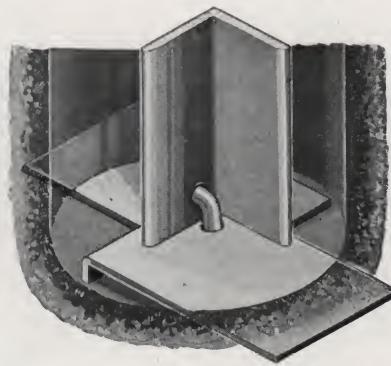
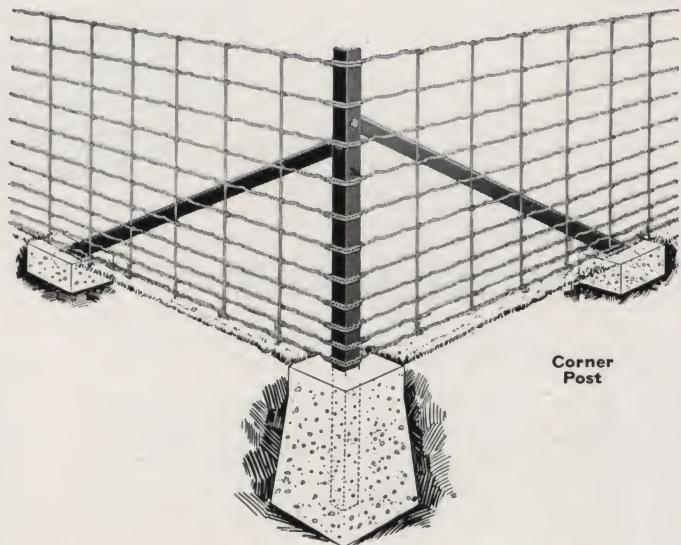
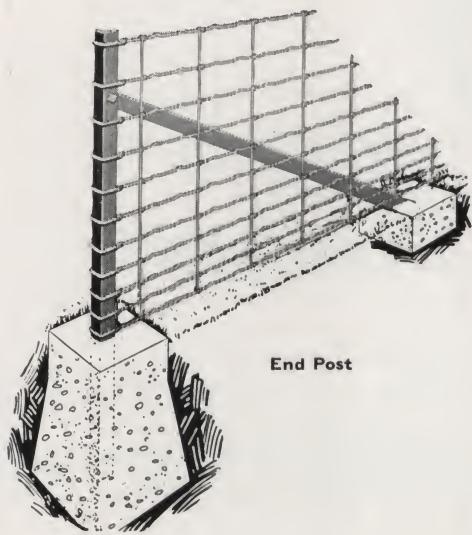


Figure 3
Anchor expanded. Post can be turned
around as many times as necessary clockwise
to bring post in right position for stretching
fence.

ORANGE ANGLE STEEL END AND CORNER POSTS CONCRETE SET



Orange Painted Angle End and Corner Posts

$2\frac{1}{2}'' \times 2\frac{1}{2}'' \times \frac{1}{4}''$ Angle Used in Posts

These posts are made of heavy $2\frac{1}{2}'' \times 2\frac{1}{2}'' \times \frac{1}{4}''$ angle in posts with rounded corners to prevent fence wires from being cut when stretched. This is a special feature found only in our angle posts.

These posts are designed to be set in concrete.

COLOR: Posts are painted with a heavy coat of special steel paint with unusually high preservative quality, furnished in Orange.

Posts are punched on both sides of angle so when used as on end post brace can be attached for either right or left hand stretch.

All braces are designed to press, when under strain, against the inside of post preventing any shearing effect on the bolts.

The brace is $2'' \times 2'' \times \frac{1}{2}''$ angle steel. Corner posts are same as end posts, except that they are supplied with second set of braces.

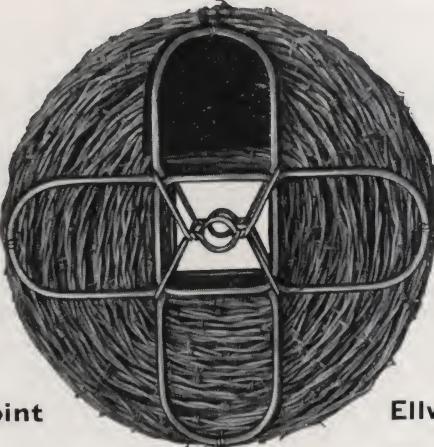
Furnished in three lengths, 7', 7' 8" and 9' lengths.

SIZES AND WEIGHTS

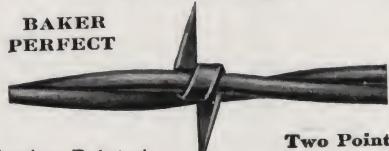
LENGTH	END POST		CORNER POST	
	Approx. Weight in Pounds	Price Each	Approx. Weight in Pounds	Price Each
7 ft. (84").....	52.5	.....	84.0	.....
7 ft. 8 in. (92").....	57.0	.....	89.0	.....
9 ft. (108").....	67.0	.....	105.0	.....

AMERICAN

BARBED WIRE



**Baker Perfect Two Point
(Two Prongs)**



Two Point

Galvanized or Painted
Catch Weight or 80 Rod Spools

A very popular brand which has stood the test for 30 years, and is a strong favorite wherever used. The flat barbs hold firmly in place and show up sharp and clear.

There are many so-called Baker brands on the market, but only one genuine and original Baker Perfect. If you want the genuine, order Baker Perfect, and look for the registered trade mark on the spools.

Catch Weight Reels sold by weight, and range from 95 to 110 lbs. in weight.

80 Rod Spools sold at a price per spool, and guaranteed to contain full 80 rods.

Thickset or Hog wire, barbs about 3 inches apart.

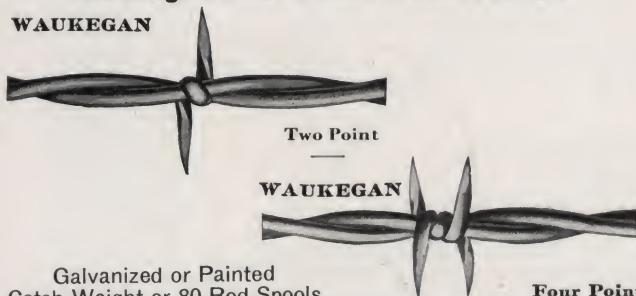
Regular or Cattle wire, barbs for 2 point about 5 inches apart, 4 point about 6 inches apart.

Main strands No. 12½ steel wire gauge.

Flat barbs wrapped once around one of the main strands.

**Waukegan Two Point (Two Prongs)
Waukegan Four Point (Four Prongs)**

WAUKEGAN



Galvanized or Painted
Catch Weight or 80 Rod Spools

Put up on red spools under the registered trade mark "Waukegan Chief." Indian head stamped on every spool. Universally recognized as the most perfect barb wire made. If you want the best, order the Waukegan on red spools with Indian head.

Catch Weight Reels sold by weight, and range from 95 to 110 lbs. per spool.

80 Rod Spools sold at a price per spool, and guaranteed to contain full 80 rods.

Thickset or Hog wire, barbs about 3 inches apart.

Regular or Cattle wire, 2 point barbs about 5 inches apart.

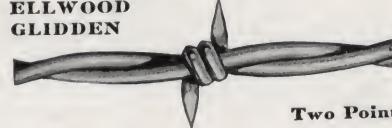
Regular or Cattle wire, 4 point barbs about 6 inches apart.

Main strands of No. 12½ steel wire gauge.

Barbs are half round and each barb is wrapped once around the main strands. This makes a single wrap for the 2 point wire and a double wrap for the 4 point.

**Ellwood Glidden Two Point
(Two Prongs)**

**ELLWOOD
GLIDDEN**



Two Point

Galvanized or Painted
Catch Weight or 80 Rod Spools

This is the original "Genuine Glidden." Always sold under the Diamond "E" trade mark. Look for this trade mark on the spool when you buy this old, reliable brand.

Catch Weight Reels sold by weight, and range from 95 to 110 lbs. in weight.

80 Rod Spools sold at a price per spool, and guaranteed to contain full 80 rods.

Thickset or Hog wire, barbs about 3 inches apart.

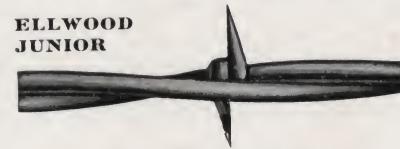
Regular or Cattle wire, barbs about 5 inches apart.

Main strands of No. 12½ steel wire gauge.

Round barbs of No. 14 steel wire gauge wrapped twice around one of the main strands.

Ellwood Junior Two Point (Two Prongs)

**ELLWOOD
JUNIOR**



Galvanized or Painted

Made with half-round barbs and full strength strands. A good combination for a light weight, yet substantial, barb wire fence. No sacrifice of strength for saving in weight.

Catch Weight Reels sold by weight, and range from 95 to 110 lbs. in weight.

Thickset or Hog wire, barbs about 3 inches apart.

Regular or Cattle wire, barbs about 5 inches apart.

Main strands of No. 12½ steel wire gauge.

Half round barbs wrapped once around one of the main strands.

American Special Two Point (Two Prongs)

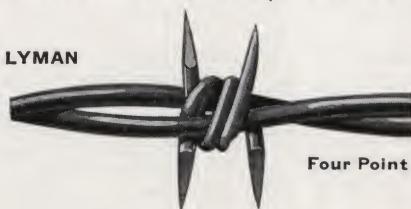
**AMERICAN
SPECIAL**



Two Point

Made in Galvanized only. Put up only on 80 rod spools. Thickset or Hog wire, barbs about 3 inches apart. Regular or Cattle wire, barbs about 5 inches apart. Main strands of No. 14 steel wire gauge. Barbs are round and of No. 16 steel wire gauge wrapped twice around one of the main strands.

Lyman Four Point (Four Prongs)



**Galvanized or Painted
Catch Weight or 80 Rod Spools**

One of the oldest brands of barb wire on the market—the best barb wire to use when a strong, heavy barb wire fence is required. Is an effective barrier against hogs and all kinds of stock. Easily seen by animals on account of the larger size bars.

CATCH WEIGHT REELS sold by weight, and range from 95 to 110 lbs. in weight.

Thickset or Hog wire, barbs about 4 inches apart.

Regular or Cattle wire, barbs about 6 inches apart.

Main strands of No. 12 steel wire gauge.

Round barbs of No. 13 steel wire gauge.

Each barb has one wrap around one main strand and one wrap around both main strands.

80 ROD SPOOLS sold at a price per spool and guaranteed to contain full 80 rods.

Specifications same as Catch Weight Reels except the main strands are made of No. 12½ gauge and No. 14 Wire Barbs.

Galvanized Flat Twisted Ribbon Wire



Made from $\frac{1}{2}$ inch No. 17 gauge wire and extra galvanized. Weight approximately 9 feet to the pound. Put up in catch weight reels.

This material usually purchased for fencing blooded stock and high grade horses, also used for fencing purposes by parks and cemeteries.

Price upon application.

Galvanized Coiled Spring Steel Fence Wire



Made in sizes 7 to 12, inclusive.

Put up regularly in catch weight bundles, but can also be furnished in even 100 pound bundles without extra charge.

This coiled wire is used for making fences in various forms. We put into this wire the best stock, and it is so coiled that it will retain its springiness against all expansion and contraction due to weather conditions.

American Steel & Wire Co.'s Steel Wire Gauge

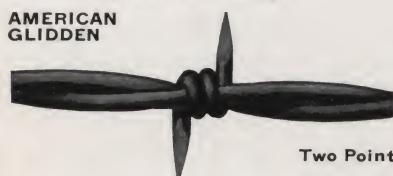
	Ft. per lb.	Ft. per lb.	
No. 7.....	11	No. 10.....	20
No. 8.....	13.33	No. 11.....	24.61
No. 9.....	16.7	No. 12.....	32

Annealed and Galvanized Fence Wire



For all purposes where a common wire is required in sizes, 0 to 18, 100 pound bundles are standard.

American Glidden Two Point (Two Prongs)



**Galvanized or Painted
Catch Weight or 80 Rod Spools**

The popular brand in all sections and for all general hog and cattle fence purposes—has many imitations, but no equal. If you want Glidden pattern insist on AMERICAN GLIDDEN.

CATCH WEIGHT REELS sold by weight, range from 95 to 110 pounds in weight.

Made in Thickset or Hog wire, barbs about 3 inches apart.

Made in Regular or Cattle wire, barbs about 5 inches apart.

Main Strands of No. 12 steel wire gauge.

Round Barbs of No. 14 steel wire gauge wrapped twice around one of the main strands.

80 ROD SPOOLS sold at a price per spool, and guaranteed to contain full 80 rods.

Specifications same as Catch Weight Reels, except the main strands are made of No. 12½ gauge.

Twisted Barbless Wire, Galvanized, Painted or Annealed



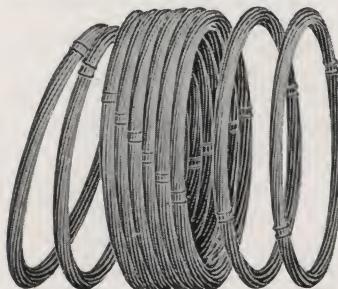
Regularly furnished, wound on barbed wire reels in catch weights. Galvanized 2 ply 12½ also furnished on 80-rod spools.

Regularly made in the following sizes:

2 ply, No. 11, 12 and 12½,	Same price as American Glidden Barb Wire
2 ply, Nos. 8, 9 and 10.....	\$0.15 per 100 lbs. extra
2 ply, Nos. 10 and 14.....	30 advance over base
3 and 4 ply, Nos. 8, 9 and 10.....	40 advance over base
3 and 4 ply, Nos. 11, 12 and 12½.....	25 advance over base
3 and 4 ply, Nos. 13 and 14.....	55 advance over base

Above sizes are regularly made, but other styles can be furnished, prices upon application.

Galvanized Brace Wire



Furnished Nos. 8 and 9 gauge wire, in 5-lb. coils, packed 20 coils to the bundle of 100 lbs. Sold in even 100-lb. quantities or multiples thereof, at \$1.00 per 100 lbs. advance over price of No. 8 Galvanized Plain Fence Wire.

Stone Wire

Made in sizes No. 16 gauge and finer. Bright, Annealed, Galvanized, Tinned and Coppered finishes.

Put up in 8-inch inside diameter coils, weighing 12 pounds each and paper wrapped.

Price upon application.





PRICE LIST

BARBED WIRE		80-ROD SPOOLS				CATCHWEIGHT REELS			
Brand	Point	Galvanized		Painted		Galvanized		Painted	
		Hog	Cattle	Hog	Cattle	Hog	Cattle	Hog	Cattle
Baker Perfect	2								
Waukegan	2								
Waukegan	4								
Ellwood Glidden	2								
Ellwood Junior	2								
American Special	2								
American Glidden	2								
Lyman	4								

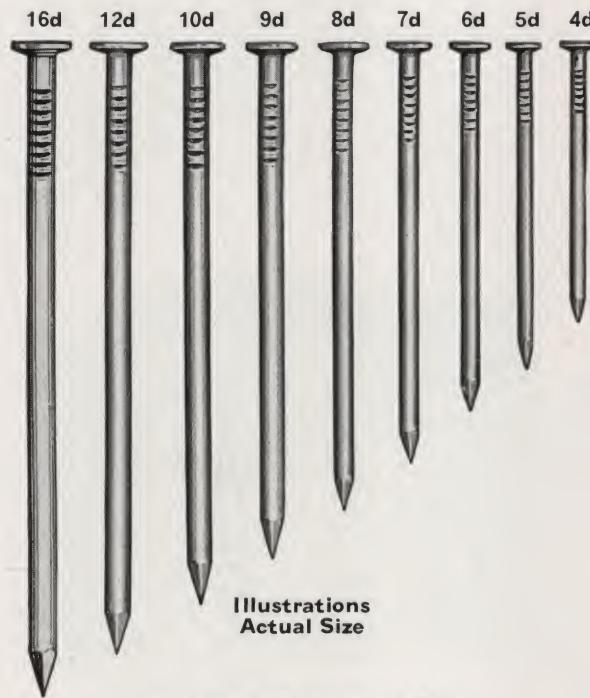
Galvanized Flat Twisted Ribbon Wire	Price per lb.
Galvanized Coiled Spring Steel Fence Wire	Gauge Price per Lb.
Plain Annealed Wire—(Black)	
Plain Galvanized Wire	
Stone Wire	
Brace Wire	Price per 5-lb. coil
Twisted Barbless Pair	Gauge Ply Price

AMERICAN

WIRE NAILS



Common Nails



Illustrations
Actual Size



Illustrations
Actual Size

Flat Head, Diamond Point

Size	Length and Gauge	Extra Over Base Price	Approx. No. to Lb.
2d	1 inch No. 15	\$1.65	876
3d	1 1/4 " " 14	1.15	568
4d	1 1/2 " " 12 1/2	.80	316
5d	1 3/4 " " 12 1/2	.70	271
6d	2 " " 11 1/2	.60	181
7d	2 1/4 " " 11 1/2	.55	161
8d	2 1/2 " " 10 1/4	.50	106
9d	2 3/4 " " 10 1/4	.45	96
10d	3 " " 9	.40	69
12d	3 1/4 " " 9	.35	63
16d	3 1/2 " " 8	.30	49
20d	4 " " 6	.25	31
30d	4 1/2 " " 5	.25	24
40d	5 " " 4	.25	18
50d	5 1/2 " " 3	.25	14
60d	6 " " 2	.25	11

Barbed nails furnished in all sizes and styles at 25c per 100 lbs. over smooth.

Brad Head, Diamond Point

Size	Length and Gauge	Extra Over Base Price	Diamond Head Gauge	Approximate No. to Lb.
2d	1 inch No. 16 1/2	\$2.25	13 1/2	1351
3d	1 1/4 " " 15 1/2	1.60	12 1/2	807
4d	1 1/2 " " 15	1.45	12	584
5d	1 3/4 " " 15	1.35	12	500
6d	2 " " 13	.80	10	309
7d	2 1/4 " " 13	.75	10	238
8d	2 1/2 " " 12 1/2	.65	9 1/2	189
9d	2 3/4 " " 12 1/2	.60	9 1/2	172
10d	3 " " 11 1/2	.55	8 1/2	121
12d	3 1/4 " " 11 1/2	.50	8 1/2	113
16d	3 1/2 " " 11	.45	8	90
20d	4 " " 10	.35	7	62

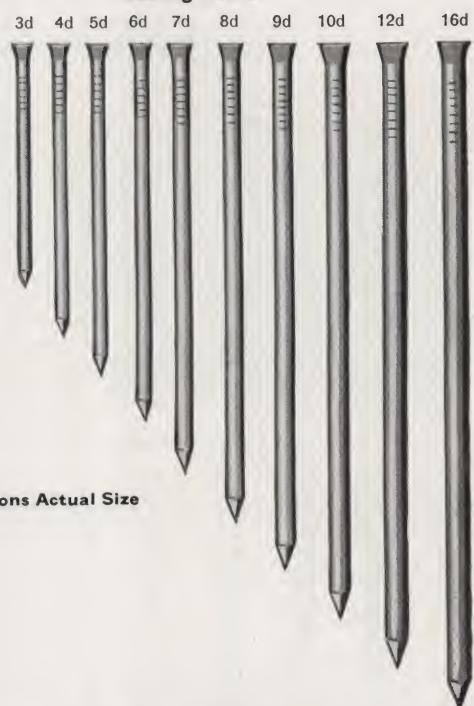


Casing Nails

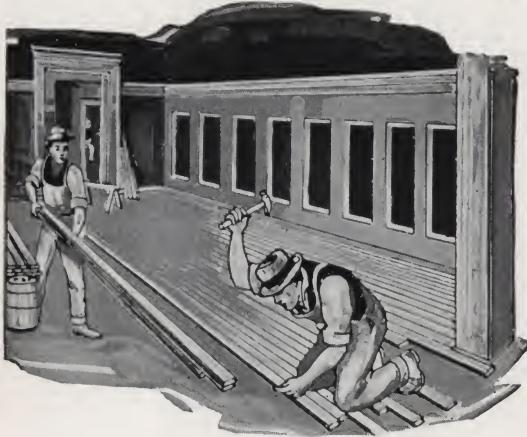
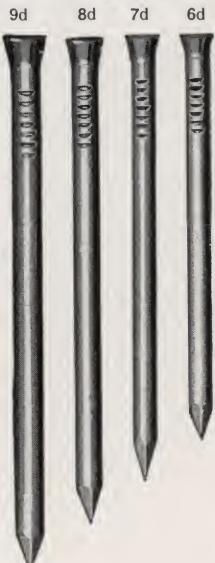
Deep Countersunk Head, Diamond Point

Size	Length and Gauge	Extra Over Base Price	Degree of Countersunk	Dia. Head Ga.	Apprx. No. to Lb.
2d	1 inch No. 15½	\$1.70	32	12½	1010
3d	1½ " " 14½	1.20	32	11½	635
4d	1½ " " 14	1.05	32	11	473
5d	1¾ " " 14	.95	32	11	406
6d	2 " " 12½	.70	32	9½	236
7d	2¼ " " 12½	.65	32	9½	210
8d	2½ " " 11½	.60	32	8½	145
9d	2¾ " " 11½	.55	32	8½	132
10d	3 " " 10½	.50	32	7½	94
12d	3¼ " " 10½	.45	32	7½	87
16d	3½ " " 10	.40	32	7	71
20d	4 " " 9	.30	32	6	52
30d	4½ " " 9	.30	32	6	46
40d	5 " " 8	.30	32	5	35

Illustrations Actual Size



Flooring Brads



Flooring Brads

Deep Countersunk Head, Diamond Point

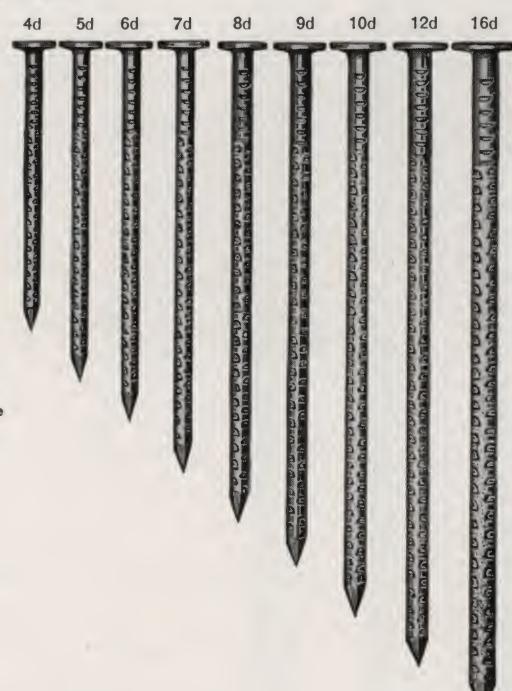
Size	Length and Gauge	Extra Over Base Price	Degree Countersunk	Dia. Head Gauge	Apprx. No. to Lb.
6d	2 inch No. 11	\$0.65	32	6	157
7d	2¼ " " 11	.60	32	6	139
8d	2½ " " 10	.55	32	5	99
9d	2¾ " " 10	.50	32	5	90
10d	3 " " 9	.45	32	4	69
12d	3¼ " " 8	.40	32	3	54
16d	3½ " " 7	.35	32	2	43
20d	4 " " 6	.30	32	1	31

Barbed nails furnished in all sizes and styles at 25c per 100 lbs. over smooth.

Smooth Box Nails



Large Flat Head Diamond Point



Illustrations Actual Size



Size	Length and Gauge	Extra Over Base Price	Diameter Head	Approx. No. to Pound
2d	1 inch No. 15½	\$1.65	3/16	1010
3d	1 1/4 " " 14 1/2	1.15	7/32	635
4d	1 1/2 " " 14	1.00	7/32	473
5d	1 3/4 " " 14	.90	7/32	406
6d	2 " " 12 1/2	.65	17/64	236
7d	2 1/4 " " 12 1/2	.60	17/64	210
8d	2 1/2 " " 11 1/2	.55	19/64	145
9d	2 3/4 " " 11 1/2	.50	19/64	132
10d	3 " " 10 1/2	.45	5/16	94
12d	3 1/4 " " 10 1/2	.40	5/16	88
16d	3 1/2 " " 10	.35	11/32	71
20d	4 " " 9	.25	3/8	52
30d	4 1/2 " " 9	.25	3/8	46
40d	5 " " 8	.25	13/32	35

Size	Length and Gauge	Extra Over Base Price	Approx. No. to Pound
2d	1 inch.....No. 15½	\$1.90	1010
3d	1 1/4 " " 14 1/2	1.40	635
4d	1 1/2 " " 14	1.25	473
5d	1 3/4 " " 14	1.15	406
6d	2 " " 12 1/2	.90	236
7d	2 1/4 " " 12 1/2	.85	210
8d	2 1/2 " " 11 1/2	.80	145
9d	2 3/4 " " 11 1/2	.75	132
10d	3 " " 10 1/2	.70	94
12d	3 1/4 " " 10 1/2	.65	88
16d	3 1/2 " " 10	.60	71
20d	4 " " 9	.50	52
30d	4 1/2 " " 9	.50	46
40d	5 " " 8	.50	35

Round Wire Spikes
Flat Head, Diamond Point

Size	Length and Gauge		Extra Over Base Price	Degree of Countersunk	Diam. Head	Apprx. No. to Pound
10d	3 inch	No. 6	\$0.40	123	13/32	41
12d	3 1/4 "	" 6	.35			38
16d	3 1/2 "	" 5	.30	123	7/16	30
20d	4 "	" 4	.25	123	13/32	23
30d	4 1/2 "	" 3	.25	123	1/2	17
40d	5 "	" 2	.25	123	17/32	13
50d	5 1/2 "	" 1	.25			10
60d	6 "	" 1	.25	123	9/16	9
7 in.	7 "	5/16 inch	.25	123	5/8	7
8 "	8 "	3/8 "	.35	123	3/4	4
9 "	9 "	3/8 "	.35			3 1/2
10 "	10 "	3/8 "	.45			3
12 "	12 "	3/8 "	.45			2 1/2

Round Wire Spikes
Countersunk
Oval Head, Chisel Point

Size	Length and Gauge		Extra Over Base Price	Degree of Countersunk	Head Rad.	Dia. Head	Apprx. No. to Pound
10d	3 inch	No. 6	\$0.40	123	7/16	13/32	41
12d	3 1/4 "	" 6	.35				38
16d	3 1/2 "	" 5	.30	123	7/16	7/16	30
20d	4 "	" 4	.25	123	7/16	15/32	23
30d	4 1/2 "	" 3	.25	123	7/16	1/2	17
40d	5 "	" 2	.25	123	7/16	17/32	13
50d	5 1/2 "	" 1	.25				10
60d	6 "	" 1	.25	123	7/16	9/16	9
7 in.	7 "	5/16 inch	.25	123	5/8	5/8	7
8 "	8 "	3/8 "	.35	123	3/4	3/4	4
9 "	9 "	3/8 "	.35				3 1/2
10 "	10 "	3/8 "	.45				3
12 "	12 "	3/8 "	.45				2 1/2

60d

7 inch

60d

7 inch

8 inch

Special Gauges, 10c additional



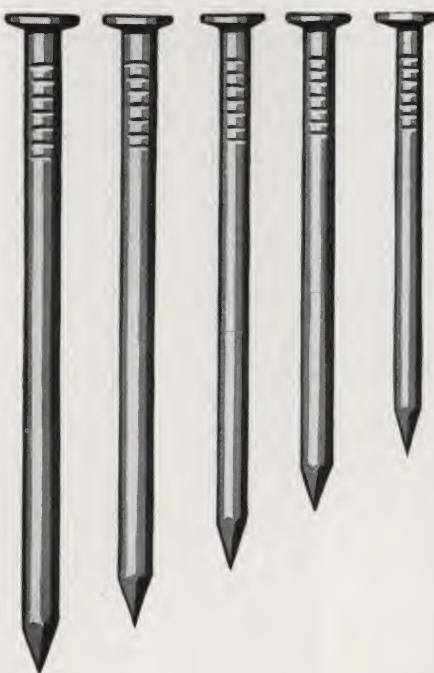
[Illustrations
Actual Size]

[Illustrations
Actual Size]



Fence Nails

Size	Length and Gauge	Extra Over Base Price	Diameter Head	Approx. No. to Pound
5d	1 $\frac{3}{4}$ inch..... No. 10	\$0.60	9/32	142
6d	2 " " 10	.55	9/32	124
7d	2 $\frac{1}{4}$ " " 9	.45	5/16	92
8d	2 $\frac{1}{2}$ " " 9	.45	5/16	82
9d	2 $\frac{3}{4}$ " " 8	.40	11/32	62
10d	3 " " 7	.40	3/8	50
12d	3 $\frac{1}{4}$ " " 6	.35	13/32	40
16d	3 $\frac{1}{2}$ " " 5	.30	7/16	30
20d	4 " " 4	.25	15/32	23



Slating Nails

Slightly Countersunk
Flat Head, Diamond Point

Am. Steel & Wire Co.'s Steel Wire Gauge

Size	Length and Gauge	Extra Over Base Price Bright	Degree of Countersunk	Diam. Head	Approx. No. to Lb. Bright
2d	1 inch No. 12	\$1.20	145	5/16	411
3d	1 $\frac{1}{4}$ " " 10 $\frac{1}{2}$	1.00	145	3/8	225
4d	1 $\frac{1}{2}$ " " 10 $\frac{1}{2}$	.85	145	3/8	187
5d	1 $\frac{3}{4}$ " " 10	.75	145	13/32	142
6d	2 " " 9	.65	145	7/16	103





Common Brads

Brad Head, Diamond Point

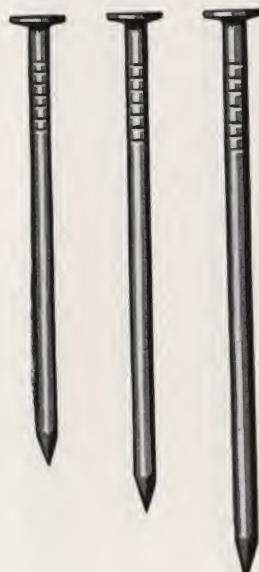
Size	Length and Gauge	Extra Over Base Price	Diameter Head Gauge	Approx. No. to Pound
2d	1 inch....No. 15	\$1.70	.12	876
3d	1 1/4 " " 14	1.20	.11	568
4d	1 1/2 " " 12 1/2	.85	9 1/2	316
5d	1 3/4 " " 12 1/2	.75	9 1/2	271
6d	2 " " 11 1/2	.65	8 1/2	181
7d	2 1/4 " " 11 1/2	.60	8 1/2	161
8d	2 1/2 " " 10 1/4	.55	7	106
9d	2 3/4 " " 10 1/4	.50	7	96
10d	3 " " 9	.45	6	69
12d	3 1/4 " " 9	.40	6	64
16d	3 1/2 " " 8	.35	5	49
20d	4 " " 6	.30	3	31
30d	4 1/2 " " 5	.30	2	24
40d	5 " " 4	.30	1	18
50d	5 1/2 " " 3	.30	0	16
60d	6 " " 2	.30	00	11



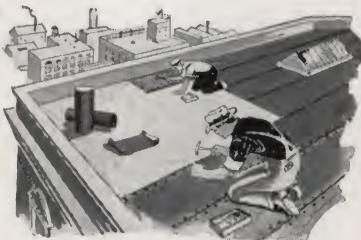
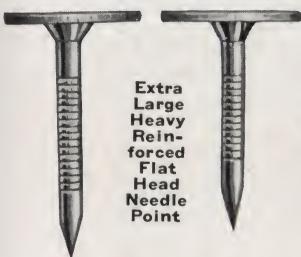
Siding Nails

Flat Head, Diamond Point

Size	Length and Gauge	Extra Over Base Price	Approx. No. to Pound
5d	1 3/4 inch.....No. 14	\$0.90	406
6d	2 " " 12 1/2	.65	236
7d	2 1/4 " " 12 1/2	.60	210
8d	2 1/2 " " 11 1/2	.55	145
9d	2 3/4 " " 11 1/2	.50	132
10d	3 " " 10 1/2	.45	94



American Felt Roofing Nails



A large head nail especially designed for use in laying prepared roofing material. This nail, having an extra large head and thin shank, meets admirably the requirements for placing all prepared roofing. The head is reinforced on the shank so that it will not easily pull or break off.

Prices on Application

Length	Gauge	Count per Pound		Diameter of Head
		Bright	Galvanized	
3/4 inch	No. 11	184	164	5/8 inch
5/8 inch	No. 11	175	157	5/8 inch
1 inch	No. 11	162	145	5/8 inch
1 1/8 inch	No. 11	149	133	5/8 inch
1 1/4 inch	No. 11	136	122	5/8 inch
3/4 inch	No. 12	210	188	5/8 inch
5/8 inch	No. 12	195	175	5/8 inch
1 inch	No. 12	180	162	5/8 inch
1 1/8 inch	No. 12	170	154	5/8 inch
1 1/4 inch	No. 12	161	147	5/8 inch

Large Flat Head Barbed Roofing Nails

Diamond Points
Copper Steel, Bright or Hot Galvanized



Extras for 100 Lbs. over Base

Length	1/2 in. Head			1/16 in. Head			1/2 in. Head		1/16 in. Head		5/8 in. Head	
	8 ga.	9 ga.	9 1/2 ga.	10 ga.	10 1/2 ga.	10 ga.	11 ga.	12 ga.	11 ga.	12 ga.	11 ga.	12 ga.
3/4 in.	\$1.65	\$1.75	\$1.80	\$1.85	\$2.00	\$1.95	\$2.05	\$1.80				
5/8 in.	1.55	1.65	1.70	1.75	1.90	1.85	1.95	1.65				
1 in.	1.45	1.55	1.60	1.65	1.80	1.75	1.85	1.60				
1 1/8 in.	1.40	1.50	1.55	1.60	1.75	1.70	1.80	1.60				
1 1/4 in.	1.35	1.45	1.50	1.55	1.70	1.65	1.75	1.50				
1 1/2 in.	1.30	1.40	1.45	1.50	1.65	1.60	1.70	1.45				
1 3/8 in.	1.25	1.35	1.40	1.45	1.60	1.55	1.65	1.45				
1 1/4 in.	1.20	1.30	1.35	1.40	1.55	1.50	1.60	1.40				

Galvanizing, prices on application.

Approximate Number of Nails to the Pound—Galvanized

On account of variation in gauge of wire, counts are not guaranteed to be absolutely exact, but are approximately correct.

Length	1/2-inch Head				1/16-inch Head			5/8 in. Head	
	8 ga.	9 ga.	9 1/2 ga.	10 ga.	10 ga.	10 1/2 ga.	11 ga.	12 ga.	
3/4 in.	177	214	235	250	255	298	315	464	
5/8 in.	160	184	200	215	225	264	280	396	
1 in.	140	165	190	190	210	228	255	361	
1 1/8 in.	132	157	177	180	185	222	232	315	
1 1/4 in.	125	148	165	170	170	198	210	286	
1 1/2 in.	102	125	138	150	155	167	180	249	
1 3/8 in.	94	115	130	134	143	157	165	224	
1 1/4 in.	88	107	120	130	135	147	150	210	
2 in.	80	96	105	110	115	126	138	195	

Standard Barbed Roofing Nails

Flat Head, Diamond Point
American Steel & Wire Co.'s Steel Wire Gauge

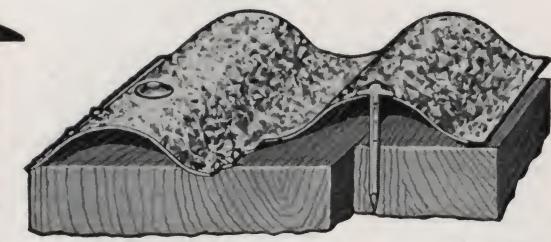
Size	Length and Gauge	Extra Over Base Price	Approx. No. to Lb.
3/4 inch	3/4 inch No. 13	\$1.55	714
5/8 inch	5/8 inch No. 12	1.30	469
1 inch	1 inch No. 12	1.20	411
1 1/8 inch	1 1/8 inch No. 12	1.10	365
1 1/4 inch	1 1/4 inch No. 11	.95	251
1 3/8 inch	1 3/8 inch No. 11	.90	230
1 1/2 inch	1 1/2 inch No. 10	.80	176
1 3/4 inch	1 3/4 inch No. 10	.75	151
2 inch	2 inch No. 9	.65	103

Illustration Actual Size



American Leak-Proof Roofing Nails

Zinc Coated



Approximate Count

1 1/2 x 9.....	98 per lb.
1 3/4 x 9.....	87 per lb.
2 x 9.....	79 per lb.
1 1/2 x 10.....	115 per lb.
1 3/4 x 10.....	106 per lb.
2 x 10.....	93 per lb.

A great time and money saver over the old method of nail and lead washer combined, and also the present lead headed nail.

The Ideal Roofing Nail

Large Flat Checker Head, Long Diamond Point

For all kinds of Smooth, Grit-Surfaced and Asbestos Roll Roofings, and Asphalt and Asbestos Shingles

Just what is needed—fills a long felt want.



Illustrations Actual Size

Copper is mixed in the steel to make them rust resisting.

THE IDEAL ROOFING NAIL—will make the ideal job for any grade of roofing.

Furnished in BRIGHT or HOT GALVANIZED.

Approximate Number of Ideal Roofing Nails Per Pound

Length	Bright				Galvanized			
	10 1/2 ga.	11 ga.	10 1/2 ga.	11 ga.	10 1/2 ga.	11 ga.	10 1/2 ga.	11 ga.
3/4 in.	226	255	203	234				
5/8 in.	215	235	189	210				
1 in.	196	215	177	195				
1 1/8 in.	165	180	152	168				
1 1/4 in.	145	160	130	135				
1 3/8 in.	128	141	115	128				



Actual Size

American Special Plaster Board Nails

Large heads, so the nails will have ample holding power and cover sufficient surface of the board to prevent pulling through.

Long Diamond Point, permits the nails to cut through the boards readily without damage to the composition plaster.

Blued, so they can be fed from the mouth without danger to health. Bluing process makes the nails free from injurious substances or atmospheric conditions.

Packed in paper lined kegs to insure delivery of clean, sanitary product.

There is real economy in getting good nails; of correct size and style. Great care is used to secure heads of proper size, sharp points and uniform length and gauge.

Blued, Large Flat Head, Long Diamond Point, Smooth Nail, $\frac{1}{8}$ " Head.



Net advance over base

Sizes	Price	Count	Sizes	Price	Count
1" No. 13	\$2.00	469	1 1/2" No. 13	\$1.65	339
1 1/8" No. 13	1.85	448	1 3/4" No. 13	1.55	291
1 1/4" No. 13	1.75	387			

(Note:—Advances include all features.)

Mrs. McGregor Nail Boxes

Containing an assortment of nails. Very handy for use about the house.

Put up in illuminated tin display boxes, $2\frac{1}{2} \times 3\frac{1}{2}$ inches.

Weight of nails and box, 7 ounces. Packed in case, one gross in a case.

Price upon application.



Broom Nails

Flat Head Diamond Point

Are usually $\frac{5}{8}$ inch or $\frac{3}{4}$ inch long, made from No. 14 or No. 15 gauge wire, with flat or star heads, diamond point.

Extra over Base Price

$\frac{5}{8} \times 14$	\$2.20	$\frac{3}{4} \times 14$	\$1.85
$\frac{5}{8} \times 15$	2.60	$\frac{3}{4} \times 15$	2.25

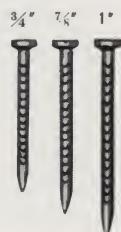


ILLUSTRATIONS
ACTUAL SIZE



Berry Box Nails

Diamond or Needle Point, Smooth or Barbed Flat Head. Extras over Base Price



Size	Length and Gauge	Extra Over Base Price for Smooth	Dia. Head	Approx. No. to Lb.
No. 16	$\frac{3}{4}''$	\$2.80	9 Ga.	1500
$\frac{3}{4}''$	$\frac{7}{8}''$	2.55	9 Ga.	1300
$\frac{7}{8}''$	1	2.35	9 Ga.	1150
1	$1\frac{1}{2}''$	2.30	9 Ga.	1010
$1\frac{1}{8}''$	$1\frac{1}{4}''$	2.25	9 Ga.	910
No. 17	$\frac{3}{4}''$	\$3.00	9 Ga.	1904
$\frac{3}{4}''$	$\frac{7}{8}''$	2.75	9 Ga.	1584
$\frac{7}{8}''$	1"	2.55	9 Ga.	1432
1	$1\frac{1}{2}''$	2.50	9 Ga.	1300
$1\frac{1}{8}''$	$1\frac{1}{4}''$	2.45	9 Ga.	1168

Barbed Nails, 25c per 100 pounds advance.

Barrel Nails

Flat Head Diamond Point



Size	Length and Gauge	Extra Over Base Price	Dia. Head	Approx. No. to Lb.
$\frac{5}{8}''$	No. 15 $\frac{1}{2}$	\$2.45	9 Ga.	1615
$\frac{3}{4}''$	No. 15 $\frac{1}{2}$	2.10	9 Ga.	1346
$\frac{7}{8}''$	No. 14 $\frac{1}{2}$	1.45	7 Ga.	906
1	No. 14 $\frac{1}{2}$	1.25	7 Ga.	775
$1\frac{1}{8}''$	No. 14 $\frac{1}{2}$	1.20	7 Ga.	700
$1\frac{1}{8}''$	No. 14	1.15	$\frac{1}{16}$	568
$1\frac{1}{4}''$	No. 13	.95	$\frac{1}{32}$	400
$1\frac{1}{4}''$	No. 13	.90	$\frac{1}{32}$	367

Shingle Nails

Flat Head, Diamond Point

Copper Steel, Bright or Hot Galvanized (Zinc Coated,
See Page 2)

American Steel & Wire Co.'s Steel Wire Gauge

Size	Length and Gauge	Extra Over Base Price	Diam. Head	Approx. No. to Lb. Bright
3d	1 1/4 inch No. 13	\$1.05	7/32	429
3 1/2 d	1 3/8 inch No. 12 1/2	.85	1/4	345
4d	1 1/2 inch No. 12	.80	1/4	274
5d	1 3/4 inch No. 12	.70	1/4	235
6d	2 inch No. 12	.60	1/4	204



*3d Galv. COMMON NAILS are sometimes used for shingling. Be sure to specify which style is wanted.

American Wood Shingle Nails

Hot Galvanized Zinc Coated—5d, 1 3/4";
13 ga., 1/4" Head



Especially adapted for laying new wood shingles over old shingles or roofing. Just the proper thickness to prevent splitting of shingles and right length to insure good holding power without projecting through roofing boards. Hot Zinc Coated to give long life.

Advance over base \$0.95, subject to extra for galvanizing.

American Zinc Coated Asbestos

Barbed Shingle Nails



Large Flat Head, Needle Point

A Rust-Resisting Permanence in Asbestos Shingle Roofing

HEAD—1 3/2 in. diameter Extra Large Flat Head—uniform, well centered, smooth underneath head—no fins to crack asbestos shingles or make nail hole larger.

GAUGE—No. 11 1/2. Just the proper thickness.

Length	Advance for Size Subject to Charge for Galvanizing	Count per lb.
1	\$1.75	150
1 1/8	1.75	130
1 1/4	1.65	113
1 1/2	1.60	100
1 3/4	1.60	88
2	1.55	76

Plaster Board Nails

1/2' Head

A smooth nail with diamond point and large flat head. Made in 1, 1 1/4 and 1 1/2 inch lengths, of Nos. 9 and 10 gauge wire, with 1/2 inch diameter head, and of No. 11 gauge wire, with 7/16 inch diameter head. Price upon application.

Extras per 100 Lbs. over Base on Plaster Board
Nails in Kegs

	1/2 in. Head	1/2 in. Head	7/16 in. Head
	9 Gauge	10 Gauge	11 Gauge
1 inch	\$1.50	\$1.60	\$1.70
1 1/4 inch	1.40	1.50	1.60
1 1/2 inch	1.35	1.45	1.55

Illustration
Actual Size

Sterilized Blued Lath Nails

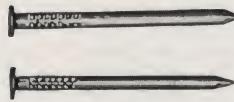


Illustration
Actual Size

Flat Head, Diamond Point

Size	Length and Gauge	Extra Over Base Price	Approx. No. to Lb.
2d	1 inch No. 16 1/2	\$2.55	1351
2d Light	1 inch No. 17	2.75	1560
3d	1 1/8 inch No. 15	1.95	778
3d Light	1 1/8 inch No. 16	2.50	1015

Lathers carry the nails in the mouth while at work and it is therefore, from the standpoint of health sanitation, necessary to have the nails free from all injurious substances. Polished or bright nails cannot be made or kept entirely clean owing to process of manufacture as well as the effect of atmospheric conditions. Packed in paper-lined kegs.

Fine Nails Bright

Size	Length and Gauge	Extra Over Base Price	Approx. No. to Lb.
2d	1 inch No. 16 1/2	\$2.20	1351
2d Ex. Fine	1 inch No. 17	2.40	1560
3d	1 1/8 inch No. 15	1.60	778
3d Ex. Fine	1 1/8 inch No. 16	2.15	1015

Shade Nails

Made in 3/4, 7/8 and 1-inch lengths, of No. 13 gauge wire, with slightly countersunk 1/4-inch diameter flat head, and needle point.

PRICES on these nails are the same as for miscellaneous nails, plus extras for special features, such as for head and point, as shown in Miscellaneous Nail list.



Flat Slightly
Countersunk Head.
Needle Point



Illustrations
Actual Size

Shade Roller Pins

These pins are made in different sizes, according to specification. Price upon application.

Steel Escutcheon Pins

Round Head, Needle Point



Illustrations Actual Size

Made in various lengths and gauges, with oval head and needle point.

Prices on these nails are the same as for miscellaneous nails, plus extras for special features, such as for head and point as shown in Miscellaneous Nail list.



American Galvanized Clothes Lines

American Wire Clothes Lines are heavily (galvanized) coated with Zinc spelter to protect against atmospheric conditions. Strong, durable and easy to keep clean.

They will last for years and eliminate the trouble of taking down the line at the end of wash day. Furnished in 50 to 100-foot coils.



Subject to Change
without Notice

HOLLOW CABLE

No.	Description	Number of Wires	American Steel & Wire Company STEEL WIRE GAUGE No.	LIST PRICE PER DOZEN COILS					
				100 ft.	90 ft.	75 ft.	60 ft.	50 ft.	40 ft.
1		7	22	\$5.60	\$5.30	\$4.75	\$4.50	\$3.90	\$3.65
2		9	22	6.30	6.00	5.35	5.05	4.40	4.10
3		12	22	7.50	7.15	6.40	6.00	5.25	4.90
4		11	20	9.30	8.85	7.90	7.45	6.50	6.05

TWISTED

No.	Description	Number of Wires	American Steel & Wire Company STEEL WIRE GAUGE No.	LIST PRICE PER DOZEN COILS					
				100 ft.	90 ft.	75 ft.	60 ft.	50 ft.	40 ft.
16		6	16	\$11.70	\$11.00	\$9.95	\$9.35	\$8.20	\$7.60
17		6	17	9.00	8.55	7.65	7.20	6.30	5.85
18		6	18	7.20	6.85	6.10	5.75	5.05	4.70
19		6	19	6.00	5.70	5.10	4.80	4.20	3.90
20		6	20	5.30	5.05	4.50	4.25	3.70	3.45

SOLID

No.	Description	Number of Wires	American Steel & Wire Company STEEL WIRE GAUGE No.	LIST PRICE PER DOZEN COILS					
				100 ft.	90 ft.	75 ft.	60 ft.	50 ft.	40 ft.
8		1	8	\$10.40	\$9.90	\$8.85	\$8.30	\$7.30	\$6.75
9		1	9	9.00	8.55	7.65	7.20	6.30	5.85
10		1	10	7.80	7.40	6.60	6.20	5.45	5.00

TWISTED AND HOLLOW CABLE WIRE CLOTHES LINES ON REELS

List Price Per Reel

No.	500 ft.	1000ft.	1500ft.	2000 ft.	2500 ft.	3000 ft.	4000 ft.	No.	500 ft.	1000 ft.	1500 ft.	2000 ft.	2500 ft.	3000 ft.	4000 ft.
1	\$2.95	\$5.60	\$8.00	\$10.60	\$12.95	\$15.10	\$20.20	16	\$6.25	\$11.70	\$16.60	\$22.20	\$27.00	\$31.60	\$42.10
2	3.30	6.30	9.00	12.00	14.60	17.00	22.70	17	4.80	9.00	12.80	17.10	20.80	24.30	32.40
3	3.95	7.50	10.70	14.25	17.30	20.25	27.00	18	3.80	7.20	10.30	13.70	16.70	19.50	25.90
4	4.90	9.30	13.25	17.70	21.50	25.10	33.50	19	3.20	6.00	8.60	11.40	13.90	16.20	21.60
								20	2.80	5.30	7.60	10.00	12.30	14.30	19.10

ESTIMATED AVERAGE WEIGHT IN POUNDS PER DOZEN

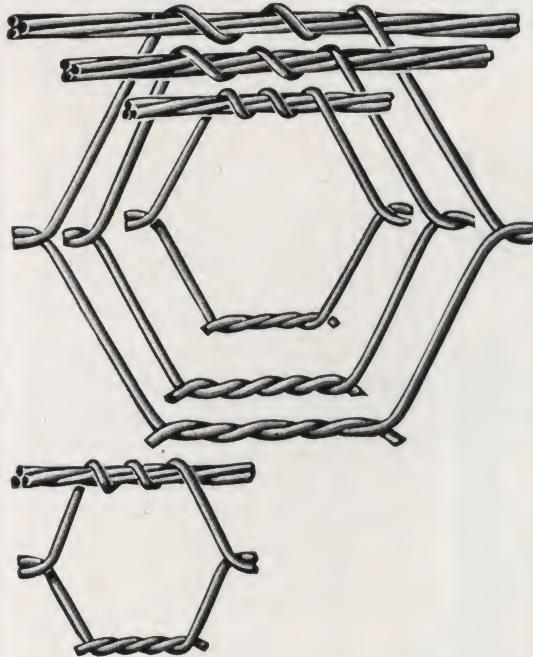
Sizes No.	ESTIMATED AVERAGE WEIGHT IN POUNDS PER DOZEN					ESTIMATED AVERAGE NUMBER OF DOZEN TO BARREL				
	100 Feet	90 Feet	75 Feet	60 Feet	50 Feet	100 Feet	90 Feet	75 Feet	60 Feet	50 Feet
1	18	16	14	11	9	12	12	15	21	24
2	22	20	17	13	11	8	8	12	14	16
3	30	27	23	18	15	6	6	8	11	12
4	42	38	32	25	21	5	5	8	9	10
16	75	67	56	45	38	5	5	6	8	10
17	56	50	42	34	28	6	6	7	7	10
18	46	41	35	27	24	6	6	8	10	12
19	35	31½	25	21	17	8	8	10	12	15
20	25	22½	20	15	10	3	3	4	4	5
* 8	84	76	63	52	35	4	4	4	4	5
* 9	70	63	52	42	29	5	5	5	7	9
* 10	58	52	43	35						

* Nos. 8, 9 and 10 are solid lines (one wire)

AMERICAN HEXAGON POULTRY NETTING

Galvanized Before Weaving

Galvanized After Weaving



American Hexagon Poultry Netting has many uses some of which are as follows—for poultry and rabbit pens, for fencing around home gardens, for pigeon coops, for dog kennels, as temporary trellises for flowers and vines, for stock partitions in factories and warehouses.

In ordering specify width, size of mesh, gauge of wire and whether galvanized before or galvanized after weaving is wanted.

Carried in stock, all widths, 12 to 72 inches.

In rolls of 150 lineal feet.

Special widths up to 96 inches made to order.

LIST PRICE ON ONE ROLL 150 FEET LONG

Effective September 15, 1926

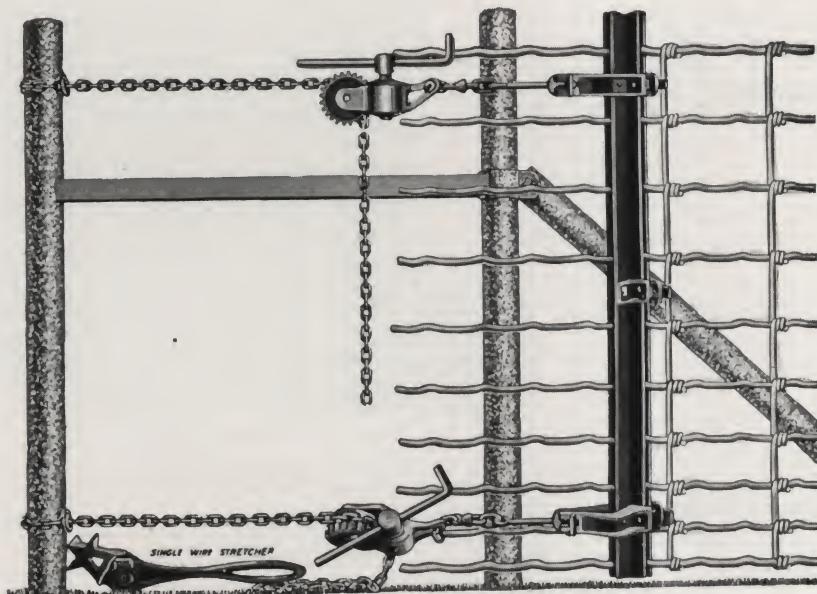
INCHES WIDE		12"	18"	24"	30"	36"	42"	48"	60"	72"
Mesh	Wire									
2"	No. 15			\$13.85	\$16.50	\$19.10	\$22.28	\$25.47	\$31.83	\$38.20
2"	No. 16	\$ 6.24	\$ 8.75	10.95	13.05	15.25	17.79	20.33	25.42	30.50
2"	No. 18			6.80		9.27			12.35	15.44
2"	No. 19	2.48	3.56	4.54	5.42	6.19	7.22	8.25	10.32	12.38
2"	No. 20	2.14	3.08	3.92	4.68	5.35	6.24	7.13	8.91	10.69
1½"	No. 15		18.29	24.35	27.85	31.80		42.40	53.00	63.60
1½"	No. 16		12.00	15.31	18.26	20.87	24.36	27.83	34.79	41.75
1½"	No. 18			9.60	11.45	13.09	15.26	17.44	21.81	26.16
1½"	No. 19	4.13	5.94	7.57	9.04	10.32	12.04	13.76	17.20	20.64
1½"	No. 20	3.49	5.02	6.40	7.64	8.73	10.18	11.63	14.54	17.44
1"	No. 16	13.09		24.08	28.73	32.84	38.31	43.78	54.73	65.67
1"	No. 17	10.80	15.53	19.80	23.63	27.00	31.50	36.00	45.00	54.00
1"	No. 18	7.85		14.39	17.17	19.63	22.90	26.16	32.71	39.24
1"	No. 19	6.05	8.70	11.09	13.24	15.13	17.65	20.17	25.21	30.25
1"	No. 20	4.95	7.12	9.08	10.83	12.38	14.44	16.50	20.63	24.75
¾"	No. 18	13.05	18.76	23.93	28.55	32.63	38.06	43.50	54.38	65.25
¾"	No. 19	10.35	14.88	18.98	22.65	25.88	30.19	34.50	43.13	51.75
¾"	No. 20	7.71	11.09	14.14	16.88	19.28	22.50	25.71	32.14	38.56
Sq. Feet in One Roll		150	225	300	375	450	525	600	750	900

This list includes all kinds of netting regularly manufactured.
Special prices will be quoted on other kinds made to order.

NATIONAL DOUBLE JACK FENCE STRETCHER

A Boltless Stretcher

Simple—Powerful—Safe

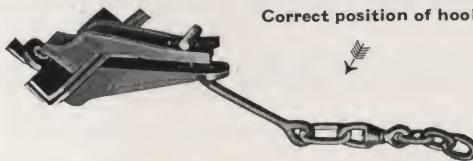


The National Double Jack Fence Stretcher is very powerful, yet economical and safe to use. It is easily adjusted to any height of fence up to 60 inches. The Worm Gear Jacks exert more power with less energy than any other Fence Stretching Tool made and automatically lock at any point, no back action, no slipping, no danger of accident. The steel clamp bars hook together—no bolts to tighten up or get lost. Holds firmly—no slipping—no injury to fence. Weight, approximately 97 lbs.

A National Single Wire Hand Stretcher to finish stretching from clamp bar to End Post is furnished free with each Stretcher. Weight, approximately 3 pounds.

Total shipping weight, approximately 100 lbs. Price.....

HOW TO USE NATIONAL STRETCHERS



Be sure the worm gears of the jacks are kept well greased with some good, hard grease.

Note carefully the illustration on this circular for complete assembly of the stretcher in use.

Be sure end and corner posts are well ANCHORED and BRACED. This is the most important item in your fence erection.

Roll the fence out as straight as possible along the line of posts with the close mesh next to the posts.

Fasten fence securely to the end post at the start of the stretch, being sure that the CROSS WIRES ARE PERPENDICULAR and that sufficient allowance is made so that each line wire can be passed clear around the end post and be wound about itself, thus preventing a tendency of the post to turn in the ground.

At the opposite end of the stretch, place the heavy angle bar with the loop end clamp under the fence so that the bar is parallel with a stay wire.

Take the handle of the jack and bend the wires into the bar so that it will be easier to place the upper angle in position.

Insert clamps on upper bar into the slots on lower bar forcing the upper angle iron into the lower one.

Insert T-shaped hook through clamps (see illustrations) thus locking the two bars together.

Place chains around end posts at about proper place as shown in illustration and insert one link of T-hook chain into clevis.

Raise fence to upright position and start end of chain through chain guide on the chain wheel and with handle placed in worm on the jacks, draw fence to proper tension.

Don't be afraid to pull fence. It must be stretched well.

Allow to stand a few minutes during stretching so it can settle into place. You can then stretch it more and secure desired tension.

Use Hand Stretcher to finish from clamp bar to end post, again wrapping around the end post and tying back on itself. Fasten securely and reverse the jacks.

Again note illustration. No difficulty will be encountered with this very simple fence stretching equipment.

National Single Wire Stretcher

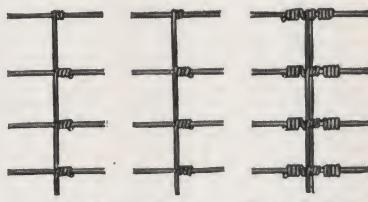


Used for tightening fence wires between stretcher clamp bar and post or for stretching barbed or plain wire. Made of malleable iron. Will last a life-time. Grips firmly and easily hooks over any style of steel or wood post. The star shaped head prevents tool from turning over in the hand while stretching. One of these Single Wire Stretchers included with each National Double Jack Stretcher or sold separately. Weight, 3 pounds.

Price.....

American Splicer

Shipping weight approximately 3 lbs. per dozen

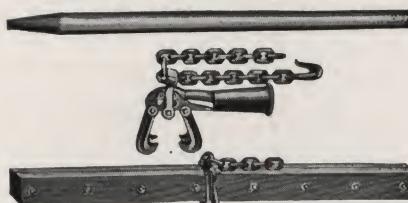


Necessary and convenient for splicing wires in woven wire fence or elsewhere. Inexpensive and does the work well.

Price.....

Lott Stretcher

Shipping weight approximately 85 lbs.



Clamp bars furnished with Lott Stretchers are made of wood, reinforced with half-oval iron to keep wire from slipping. Stretching chain, 8 feet long. Stretcher furnished complete, except Lever. Use for this purpose an old piece of pipe or lever cut from wood.

Price.....

Perfection American End Tool



A handy tool for fastening lateral wires of fence to steel end or corner posts. Insures uniform tightness, thus increasing life of fence. Easily operated. Shipping weight, about 3 pounds.

Price.....



The following tables indicate the number of rods of Fence required to enclose fields of different sizes. The dimensions given are exact, so that in buying Fence, sufficient allowance should be made to cover Fence taken up in wrapping around End and Corner Posts.

Amount of Fence Required to Enclose Rectangular Fields of Different Sizes

In Feet

In Rods

Acres	Length of Field		Length of Fence Required	Width	Length	Acres	Length of Field		Width of Field	Length of Fence Required
	Feet	Feet					Feet	Rods		
1	164	165	858			1	16	10	52	
1	330	132	924			1	20	8	56	
1 1/4	330	165	990			1 1/4	20	10	60	
2 1/2	660	165	1650			2 1/2	40	10	100	
4	528	330	1716			4	32	20	104	
5	660	330	1980			5	40	20	120	
6	990	264	2508			6	60	16	152	
7	1320	231	3102			7	80	14	188	
8	1320	264	3168			8	80	16	192	
9	1320	297	3234			9	80	18	196	
10	825	528	2706			10	50	32	164	
15	1320	495	3630			15	80	30	220	
20	1650	528	4356			20	100	32	264	
25	1320	825	4290			25	80	50	260	
30	1320	990	4620			30	80	60	280	
40	1650	1056	5412			40	100	64	328	
50	1650	1320	5940			50	100	80	360	
60	1980	1320	6600			60	120	80	400	
70	2640	1155	7590			70	160	70	460	
80	2112	1650	7524			80	128	100	456	
100	2640	1650	8580			100	160	100	584	
120	3168	1650	9636			120	192	100	720	
140	4620	1320	11880			140	280	80	800	
160	5280	1320	13200			160	320	80	1056	
320	6600	2112	17224			320	400	128	1312	
640	6600	4224	21648			640	400	256		

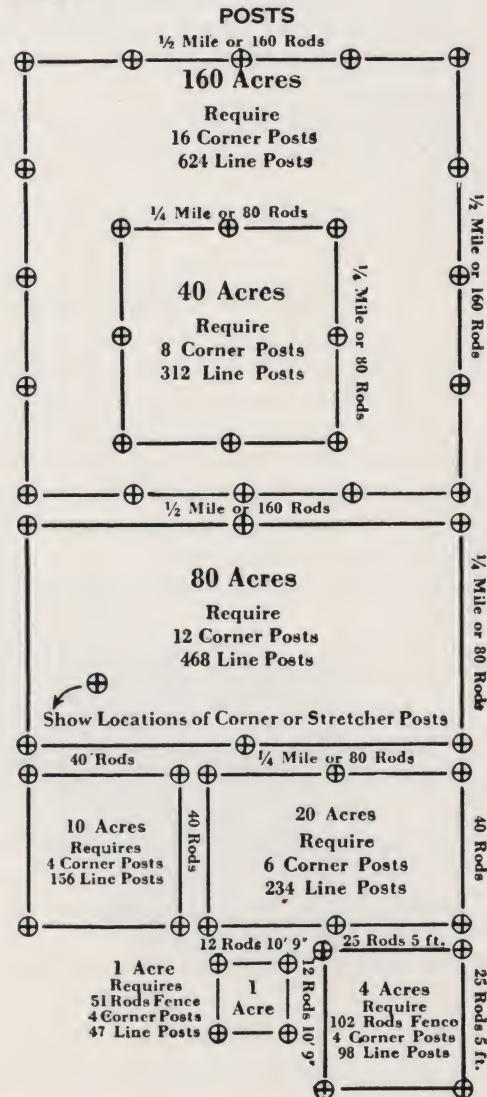
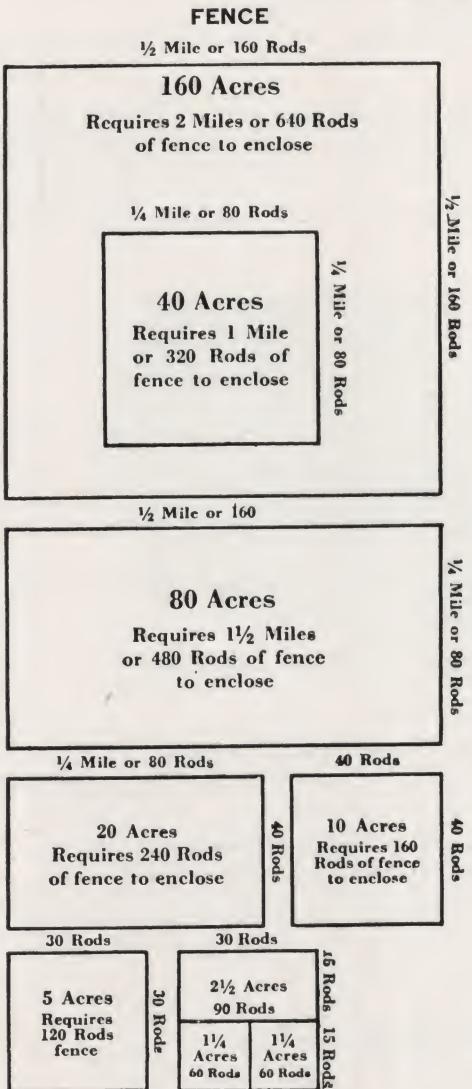
Amount of Fence Required to Enclose Square Fields of Different Sizes

In Feet and Inches

In Rods, Feet, and Inches

Acres	Length of Side of Square		Length of Fence Required		Side of Square	Acres	Length of Side of Square			Length of Fence Required		
	Feet	Inches	Feet	Inches			Rods	Feet	Ins.	Rods	Feet	Ins.
1	208	9	835	..		1	12	10	9	50	10	..
2	295	2	1180	8		2	17	14	8	71	9	9
2 1/2	330	..	1320	..		2 1/2	20	..	..	80	..	..
3	361	6	1446	..		3	21	15	..	87	10	6
4	417	5	1669	8		4	25	4	11	101	3	2
5	466	8	1856	8		5	28	4	8	113	2	2
6	511	3	2045	..		6	30	16	3	123	15	6
7	552	2	2208	8		7	33	7	8	133	14	2
8	590	4	2361	4		8	35	12	10	143	1	10
9	626	2	2504	8		9	37	15	8	151	13	2
10	660	..	2640	..		10	40	..	..	160	..	..
20	933	5	3733	8		20	56	9	5	226	4	8
25	1043	7	4174	..		25	63	4	1	252	16	4
30	1143	2	4572	8		30	69	4	8	277	2	2
40	1320	..	5280	..		40	80	..	..	320	..	..
50	1475	10	5903	4		50	89	7	4	357	12	10
60	1616	8	6466	8		60	97	16	2	391	15	2
70	1746	2	6984	8		70	105	13	8	423	5	2
75	1807	6	7230	..		75	109	9	..	438	3	..
80	1866	9	7467	..		80	113	2	3	452	9	..
100	2087	1	8348	4		100	126	8	1	505	15	10
120	2286	4	9145	4		120	138	9	4	554	4	4
140	2469	6	9878	..		140	149	11	..	598	11	..
160	2640	..	10560	..		160	160	..	..	640	..	..
320	3733	7	14934	4		320	226	4	7	905	1	10
640	5280	..	21120	..		640	320	..	..	1280	..	..

FENCE AND STEEL POST REQUIREMENTS for DIFFERENT SIZE FIELDS



Just as good fences are a foundation for more efficient farming, so are good steel posts the foundation for a long lasting fence. Stretch Zinc Insulated Fence on Steel Posts. The American Steel & Wire Company Steel Posts are easy to drive and anchor securely. No post holes to dig—no staples to buy. Seven clamps are furnished free with each post. For satisfactory service, buy good fencing and erect it on good steel posts.

The diagrams indicate the number of posts and rods of fence necessary to enclose fields of different sizes. Line posts are estimated to be spaced 1 rod apart. Where fence is subjected to severe strain and it is found advisable to set them at closer intervals, number of line posts necessary should be increased accordingly.



How to Order Zinc Insulated American Fence

Specify Quantity (in number of rods).

Specify design Number. The last two figures indicate the height in inches. The preceding figures indicate number of horizontal bars in fence.

Specify Distance between Stay Wires.

Specify the Specifications desired (which indicate the size of the wires).

Specify Size of Rolls desired.

For example:

500 Rods Design 1047—6-inch stay Zinc Insulated (Brand Name) Fence Spec. No. 11—25-20-rod rolls.

500 Rods Design 1047—12-inch stay Zinc Insulated (Brand Name) Fence Spec. No. 9—8-40, 9-20 rod rolls.

200 Rods Design 2158—6-inch stay Zinc Insulated (Brand Name) Fence Spec. No. 14½ P. & R.—5-20, 10-10-rod rolls.

How to Order Lawn Fence and Park and Paddock Fence

In ordering American Lawn Fence, specify Quantity in feet, Height in inches, and Specifications. Note rolls contain 165 feet (10 rods) or 330 feet (20 rods).

For example: 495 feet 42-inch American Lawn Fence, Specifications D. L. (3-10-rod rolls).

On Zinc Insulated Diamond Lawn Fence, specify Quantity in rods, Height in inches, Specifications, and Size of rolls. Note rolls contain 10 and 20 rods.

For example: 60 Rods 50-inch Zinc Insulated Diamond Lawn Fence; Specifications K—3-20-rod rolls.

On Zinc Insulated Park and Paddock Fence, specify Quantity in rods, Design number, Distance between Stay Wires and Size of rolls.

For example: 100 Rods Design 2488 Zinc Insulated Park and Paddock Fence, 6-inch Stay—10-10-rod rolls.

How to Order Corn Cribs, Corn Cribbing, Banner Standard and Union Lock Poultry Fences

In ordering American Steel Corn Cribs, specify the Quantity and Size of Crib by number.

For example: 10-No. 75 Zinc Insulated American Steel Corn Cribs or 10-No. 75 P. H.—Prairie Heavy Cribs.

On American Steel Corn Cribbing, specify Quantity in rods, Height in inches, and Size of rolls.

For example: 60 rods 50-inch Zinc Insulated American Steel Corn Cribbing—2-30-rod rolls.

When ordering Union Lock Poultry Fence or Banner Standard Poultry Fence, specify Quantity in rods, Design number, and Size of rolls.

For example: 50 Rods Design 2560 Union Lock Poultry Fence, 5-10-rod rolls.

How to Order American Tubular Steel Gates

In ordering American Tubular Steel Gates, specify:

Quantity.

Width of Opening (in feet).

Height (in inches).

Style of Gate (Walk, Drive, Tilting, etc.).

Whether Galvanized or Painted Frame.

Whether Plain or Ornamental Top.

Whether Standard or Lawn.

Fixtures desired (whether for Wood or Steel Posts). If for Steel Posts give style and size of post.

For example:

3- 3 ft. x 50 in. Walk Gates, Galvanized Frame, Ornamental Top, for 2x2x $\frac{1}{4}$ " Angle Steel Posts.

3- 3 ft. x 48 in. Lawn Walk Gates, Galvanized Frame, for Steel Posts.

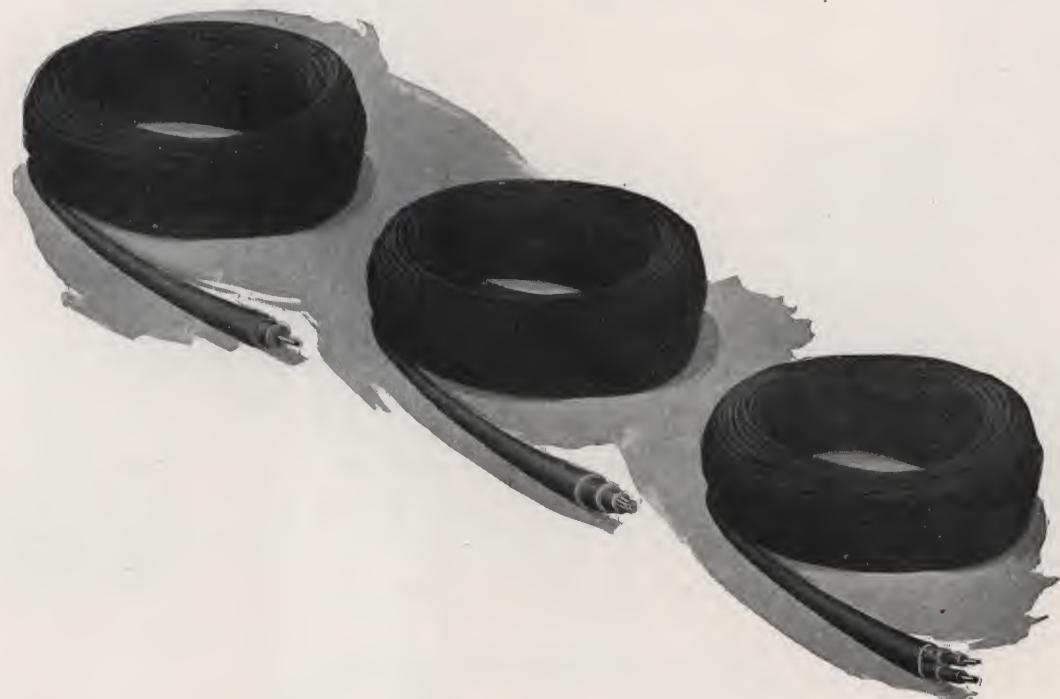
3-10 ft. x 50 in. Single Drive Gates, Painted Frame, Plain Top, for Wood Posts.

3-14 ft. x 50 in. Chain Latch Tilting Gates, Painted Frame, for 2½" American Steel Posts.

"AMERICORE"

The SAFEST to Specify

No electrical product stands so supreme in its field as does Americore in rubber covered wire. Its perfect uniformity and outstanding dependability have guided the specifications of Architects, Builders and Wiring Contractors—men who regard SAFETY as of prime importance.



Its quality is in line with the prominent projects for which it has been chosen; its economy is consistent with the smallest contract job. It not only meets but surpasses code requirements. Complete range of sizes to meet all demands.

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One conductor, Solid



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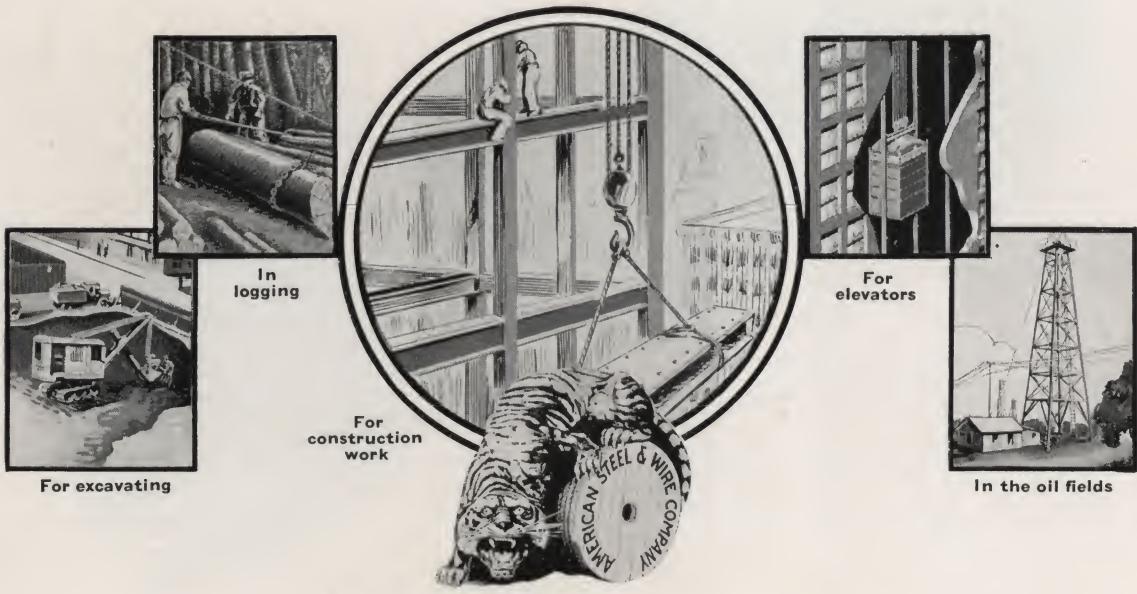


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SAVE WIRE ROPE DOLLARS

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A Grade and Construction for Every Job. . . .

American Wire Rope is designed to meet the exact service conditions under which it must operate. That is why it requires less replacement—and saves wire rope dollars for its users.

In construction work, in elevator service, in the logging and oil fields—in short, wherever the going is tough—American Wire Rope is establishing performance records.

Constructed of the finest quality steel, it will resist bending stresses and load strains to the utmost—and assure added factors of safety.

We will gladly assist you in selecting the grade of wire rope best fitted for the job.

(American Wire Rope Handbook furnished on request)



PREMIER

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WELDING WIRES

Gas
Welding
Rods



PREMIER
GRADE G A
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FLAME TESTED
A.S. & W.CO.

Premier Welding Wire has been developed for dependable welding work. There are six Premier grades to meet your various requirements!

Free flowing and uniform in quality, Premier Welding Wires insure good fusion, thorough penetration and a permanently satisfactory weld of maximum strength.

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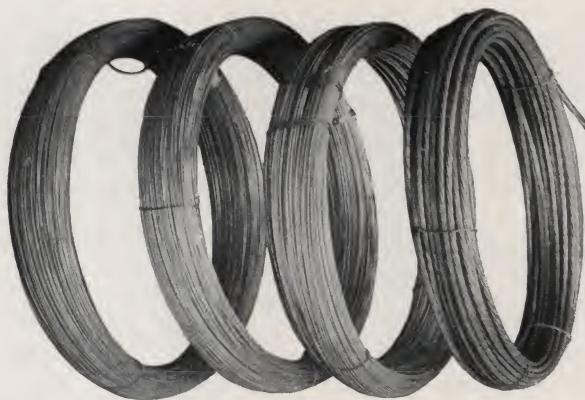
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GRADE E A
 5-32
ARC TESTED
A.S. & W.CO.



Perfected Telephone and Telegraph Wire

PERFECTED STEEL STRAND



A new process of tight zinc coating that is smooth, deeply laid and naturally flexible as the wire.

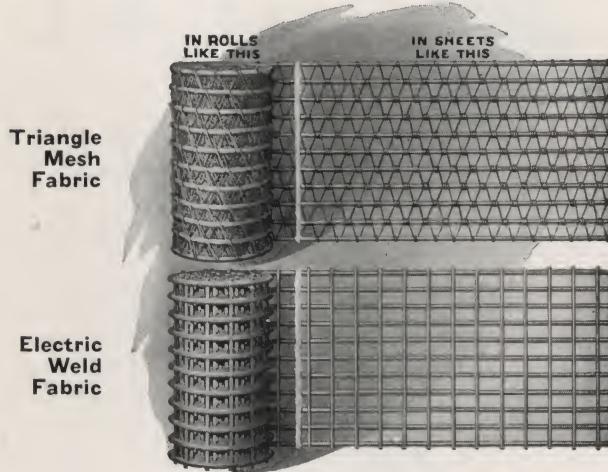
Produced in the old reliable brands, "Extra BB," "BB" and "Steel."

Send for Catalogue.

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for buildings, pavements, roadways, building construction, levees, canal locks, chimneys, sewer pipe, viaducts, retaining walls, floor slabs, wall slabs and any other form of construction where concrete is used.

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STUCCO REINFORCEMENT



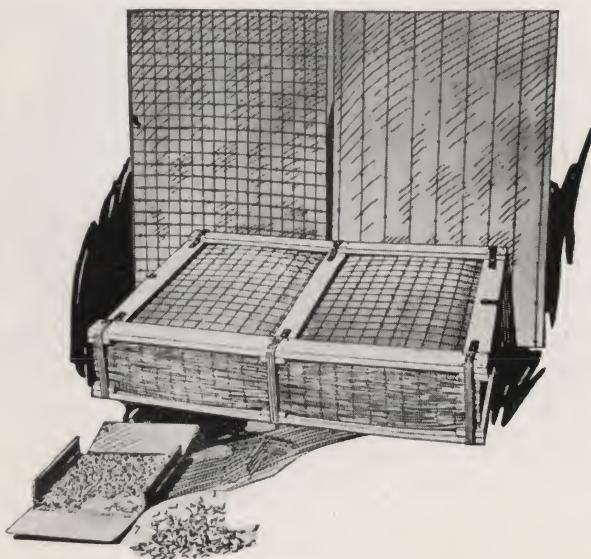
Galvanized Steel Fabric Reinforcing with its many angles of wire not only grips the cement tight, but reinforces it also, the principle being the same as reinforced concrete now used so extensively.

With its many galvanized steel wires imbedded in the cement, the wall becomes one unit—one solid mass of cement wall. That is what makes stucco strong and durable.

PERFECTED PLASTER STUCCO REINFORCEMENT

The modern plaster base and reinforcement. A combined lath, reinforcement and base for plaster, cement and stucco. An electric welded mesh of cold drawn galvanized steel wire which is backed by tough water-proof kraft paper. Plasters quickly and without effort.

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American Bale Ties are everywhere recognized as the best that money can buy. Their quality never varies—and they can always be depended upon for uniform strength. From press to destination, they will keep your bales in perfect condition—and save you time and money. Be sure to insist on American Bale Ties.

American Wire Hoops

Electric Welded



Shipping Bundle of Electric Welded Hoops



Electric Weld Wire Hoop

Twisted Splice



Shipping Bundle of Twisted Splice Hoops



Twisted Splice Wire Hoop

Our Wire Hoops make strong packages, are uniform in quality and cost less than wood hoops. They are manufactured to size and ready to apply.

Samples furnished free of charge.



SIZES OF WIRE

Decimal Equivalents	Full Sizes of Plain Wire	American Steel & Wire Company's Steel Wire Gauge No.	SIZES OF WIRE (Inches)		Millimeters (Decimally)	Weight One Mile (Pounds)	Pounds per Foot	Feet to Pound
			Common Fractions	Decimally				
$\frac{1}{64} = .0156$	$\frac{33}{64} = .5156$	1	$\frac{9}{32}$	.2830	7.188	1128.0 1114.0	.2136 .211	4.681
$\frac{1}{32} = .0312$	$\frac{17}{32} = .5312$	2	$\frac{1}{4}$	.2625	6.668	970.4 880.2	.1838 .1667	5.441
$\frac{3}{64} = .0468$	$\frac{35}{64} = .5468$	3		.2437	6.190	836.4	.1584	6.313
$\frac{1}{16} = .0625$	$\frac{9}{16} = .5625$	4	$\frac{7}{32}$	.2253 .21875	5.723	714.8 673.9	.1354 .1276	7.386
$\frac{5}{64} = .0781$	$\frac{37}{64} = .5781$	5		.2070	5.258	603.4	.1143	8.750
$\frac{3}{32} = .0937$	$\frac{19}{32} = .5937$	6	$\frac{3}{16}$	.1920 .1875	4.877	519.2 495.1	.0983 .0937	10.17
$\frac{7}{64} = .1093$	$\frac{39}{64} = .6093$	7		.1770	4.496	441.2	.0835	11.97
$\frac{1}{8} = .125$	$\frac{5}{8} = .625$	8	$\frac{5}{32}$	.1620 .15625	4.115	369.6 343.8	.070 .0651	14.29
$\frac{9}{64} = .1406$	$\frac{41}{64} = .6406$	9		.1483	3.767	309.7	.0586	17.05
$\frac{5}{32} = .1562$	$\frac{21}{32} = .6562$	10		.1350	3.429	256.7	.0486	20.57
$\frac{11}{64} = .1718$	$\frac{43}{64} = .6718$	11	$\frac{1}{8}$	.1250	3.061	220.0	.0416	25.82
$\frac{3}{16} = .1875$	$\frac{11}{16} = .6875$	12	$\frac{3}{32}$	.1055 .09375	2.680	156.7 123.8	.0296 .0234	33.69
$\frac{13}{64} = .2031$	$\frac{45}{64} = .7031$	13		.0915	2.324	117.9	.0223	44.78
$\frac{7}{32} = .2187$	$\frac{23}{32} = .7187$	14		.0800	2.032	90.13	.0170	58.58
$\frac{15}{64} = .2343$	$\frac{47}{64} = .7343$	15		.0720	1.829	73.01	.0138	72.32
$\frac{1}{4} = .25$	$\frac{3}{4} = .75$	16	$\frac{1}{16}$	.0625	1.588	55.0	.0104	95.98
$\frac{17}{64} = .2656$	$\frac{49}{64} = .7656$	17		.0540	1.372	41.07	.0077	128.6
$\frac{9}{32} = .2812$	$\frac{25}{32} = .7812$	18		.0475	1.207	31.77	.006	166.2
$\frac{19}{64} = .2968$	$\frac{51}{64} = .7968$	19		.0410	1.041	23.67	.0044	223.0
$\frac{5}{16} = .3125$	$\frac{13}{16} = .8125$	20		.0348	.8839	17.05	.0032	309.6
$\frac{21}{64} = .3281$	$\frac{53}{64} = .8281$	21		.0317	.8052	14.15	.002680	373.1
$\frac{11}{32} = .3437$	$\frac{27}{32} = .8437$	22		.0286	.7264	11.52	.002182	458.4
$\frac{23}{64} = .3593$	$\frac{55}{64} = .8593$	23		.0258	.6553	9.374	.001775	563.3
$\frac{3}{8} = .375$	$\frac{7}{8} = .875$	24		.0230	.5842	7.450	.001411	708.7
$\frac{25}{64} = .3906$	$\frac{57}{64} = .8906$	25		.0204	.5182	5.861	.001110	900.9
$\frac{13}{32} = .4062$	$\frac{29}{32} = .9062$	26		.0181	.4597	4.614	.0008738	1144.
$\frac{27}{64} = .4218$	$\frac{59}{64} = .9218$	27		.0173	.4394	4.215	.0007983	1253.
$\frac{7}{16} = .4375$	$\frac{15}{16} = .9375$	28		.0162	.4115	3.696	.0007000	1429.
$\frac{29}{64} = .4531$	$\frac{61}{64} = .9531$	29		.0150	.3810	3.169	.0006001	1666.
$\frac{15}{32} = .4687$	$\frac{31}{32} = .9687$	30		.0140	.3556	2.760	.0005228	1913.
$\frac{31}{64} = .4843$	$\frac{63}{64} = .9843$	31		.0132	.3353	2.454	.0004647	2152.
$\frac{1}{2} = .5$	$1 = 1.0$	32		.0128	.3251	2.307	.0004370	2288.
		33		.0118	.2997	1.961	.0003714	2693.
		34		.0104	.2642	1.523	.0002885	3466.
		35		.0095	.2413	1.271	.0002407	4154.
		36		.0090	.2286	1.141	.0002160	4629.

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